

Converting Colors

XYZ(75.5755, 79.1105, 82.7216)

Have a look what the booklet for
XYZ(75.5755, 79.1105, 82.7216)
contains.

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Color

**XYZ(75.5416, 78.9673,
82.4949)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE5E1
RGB	234, 229, 225
RGB Percent	92%, 90%, 88%
CMY	0.0823, 0.1019, 0.1176
CMYK	0.00, 0.02, 0.04, 0.08
HSL	27°, 18%, 90%
HSV	27°, 4%, 92%
XYZ	75.5416, 78.9673, 82.4949
YIQ	230.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

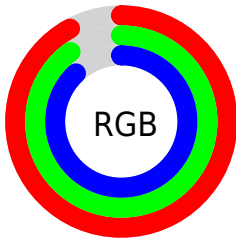
Format	Color
R_{YB}	234, 232, 225
Decimal	15394273
CIE Lab	91.22, 0.99, 2.53
CIE LCh	91, 2.722, 68.570
Yxy	78.9673, 0.3187, 0.3332
Android (android.graphics.Color)	4293584353 (0xFFEAE5E1)
YUV	230.0390, -2.4842, 3.4738
Hunter-Lab	88.8635, -3.7710, 7.1637

Details

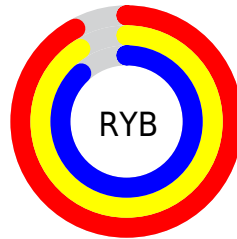
The XYZ color **75.5416, 78.9673, 82.4949** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1994, 78.5405, 89.0920**, and the grayscale version is **75.2601, 79.1795, 86.2265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7518, 42.6394, 44.1126** is the 20% darker color. If you saturate the color by 10%, you get **69.1057, 70.8582, 65.6648**, and if you desaturate by 10%, it is **82.6884, 87.7962, 101.7223**.

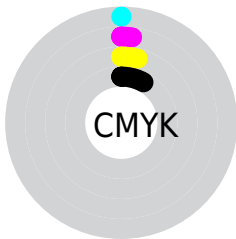
Distribution



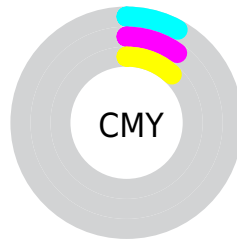
- Red (92%)
- Green (90%)
- Blue (88%)



- Red (92%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5416, 78.9673, 82.4949 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.5416, 78.9673, 82.4949 by changing the saturation by 10% instead.

■ 75.5416, 78.9673,
82.4949

■ 75.5416, 78.9673,
82.4949

468.7456,
491.4457, 523.2284

■ 56.3524, 58.8689,
61.2354

126.0625,
131.9128, 138.7107

■ 40.7237, 42.5076,
43.9834

158.1250,
165.5288, 174.5041

■ 28.2899, 29.4990,
30.3203

195.2093,
204.4193, 215.9791

■ 18.6859, 19.4586,
19.8277

237.6808,
248.9690, 263.5543

■ 11.5462, 12.0021,
12.0871

285.9048,
299.5620, 317.6484

■ 6.5055, 6.7451,
6.6797

340.2467,

■ 3.1984, 3.3032,

356.5829, 378.6797

3.1872

401.0719,
420.4160, 447.0669

■ 1.2595, 1.2920,
1.1910

■ 0.1526, 0.1350,
0.0000

■ 75.5416, 78.9673,
82.4949

■ 75.5416, 78.9673,
82.4949

■ 69.1057, 70.8582,
65.6648

■ 82.6884, 87.7962,
101.7223

■ 63.3506, 63.4398,
51.1317

■ 87.7371, 96.2225,
108.5563

■ 58.2535, 56.6958,
38.7960

■ 87.7421, 96.2326,
108.5580

■ 53.7878, 50.6057,
28.5485

■ 49.9250, 45.1475,
20.2706

■ 46.6339, 40.2980,
13.8318

■ 43.8799, 36.0319,
9.0854

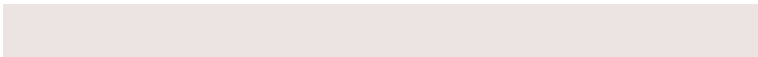
■ 41.6240, 32.3217,
5.8618

■ 39.8196, 29.1364,
3.9550

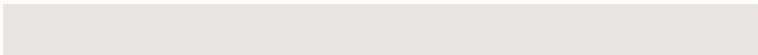
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0976, 78.9673, 83.6358



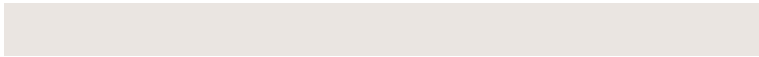
75.5416, 78.9673, 82.4949



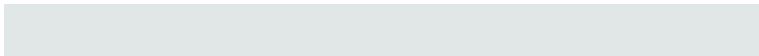
74.8586, 78.9673, 82.2809

Triad

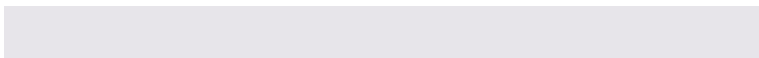
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5416, 78.9673, 82.4949



73.7524, 78.9673, 86.5492



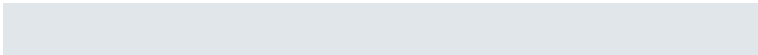
75.8859, 78.9673, 88.9856

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



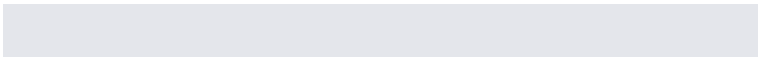
75.5416, 78.9673, 82.4949



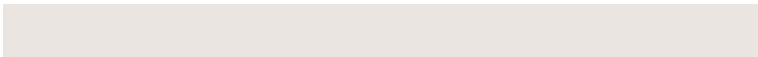
74.1994, 78.5405, 89.0920

Split Complementary

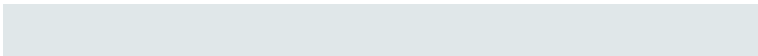
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2538, 78.9673, 89.7924



75.5416, 78.9673, 82.4949



74.0240, 78.9673, 88.3716

Square

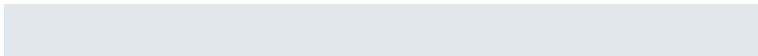
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5416, 78.9673, 82.4949



73.8284, 78.9673, 84.6018



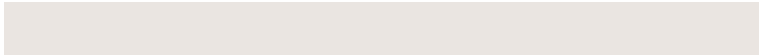
74.5726, 78.9673, 89.5659



76.2973, 78.9673, 87.3770

Rectangle

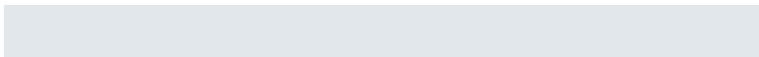
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



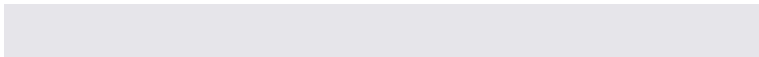
75.5416, 78.9673, 82.4949



74.4236, 78.9673, 82.6895



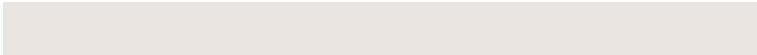
74.5726, 78.9673, 89.5659



75.6920, 78.9673, 89.3607

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.5438, 78.9707, 82.4966



94.1922, 98.9370, 106.6021



75.1549, 77.0628, 85.8511



20.1701, 21.1878, 22.8415



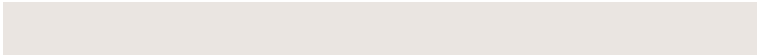
0.0000, 0.0000, 0.0000



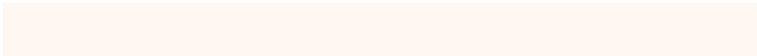
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5438, 78.9707, 82.4966



90.8482, 94.7730, 97.7062



76.7756, 81.4343, 82.9072



16.1544, 16.8324, 17.2243



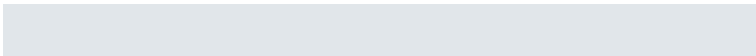
21.9769, 15.6480, 1.8621



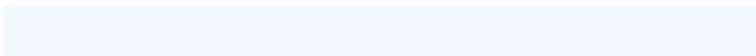
1.8203, 1.4179, 0.1777

Inverse Universe

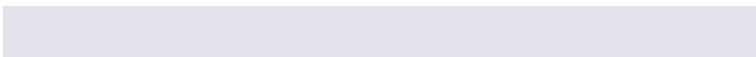
The Inverse Universe completely reimagines the original color for something new.



74.1994, 78.5405, 89.0920



88.7308, 94.0955, 108.0934



72.9915, 76.1247, 88.6894



15.7280, 16.6960, 19.3159



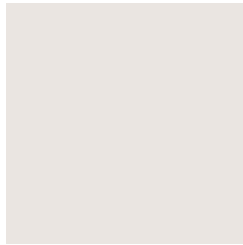
12.9509, 12.5487, 45.4825



1.1127, 1.1768, 3.6034

Previews

White Background



This preview shows how the XYZ color 75.5416, 78.9673, 82.4949 looks on a white background.

Color Contrast Check

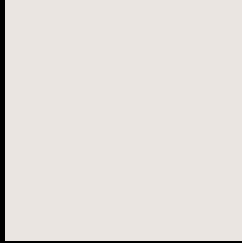
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.5416, 78.9673, 82.4949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

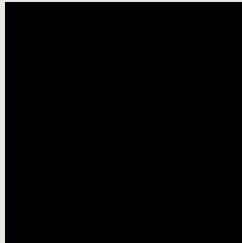
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

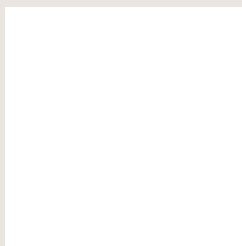
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5416, 78.9673, 82.4949

Background



This preview shows how black text looks on a background with the XYZ color 75.5416, 78.9673, 82.4949.

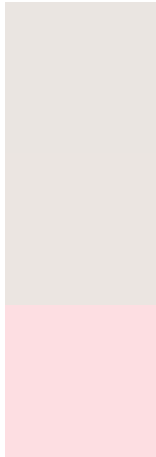


This preview shows how white text looks on a background with the XYZ color 75.5416, 78.9673,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.5416, 78.9673, 82.4949

Protanopia

75.8709, 79.1370, 82.5103

Deuteranopia

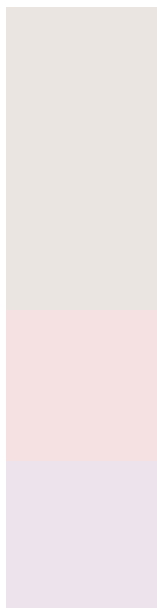
80.3568, 78.6162, 82.8907



Tritanopia

78.4505, 78.9289, 96.6880

Trichromacy



Original Color

75.5416, 78.9673, 82.4949

Protanomaly

75.8709, 79.1370, 82.5103

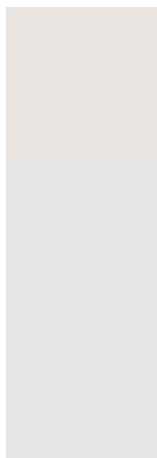
Deuteranomaly

78.6587, 78.9342, 83.0416

Tritanomaly

77.3472, 78.8855, 91.2705

Monochromacy



Original Color

75.5416, 78.9673, 82.4949

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2554, 79.1840, 84.7164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5416, 78.9673, 82.4949 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(234, 229, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.5416, 78.9673, 82.4949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 229, 225) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(234, 229, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(234, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5416, 78.9673, 82.4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
229, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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