

Converting Colors

XYZ(75.2297, 78.3101, 82.2956)

Have a look what the booklet for
XYZ(75.2297, 78.3101, 82.2956)
contains.

XYZ(75.2657, 78.4155, 82.4029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.2657, 78.4155,
82.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE4E1
RGB	234, 228, 225
RGB Percent	92%, 89%, 88%
CMY	0.0823, 0.1059, 0.1176
CMYK	0.00, 0.03, 0.04, 0.08
HSL	20°, 18%, 90%
HSV	20°, 4%, 92%
XYZ	75.2657, 78.4155, 82.4029
YIQ	229.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

Format	Color
RYB	234, 230, 225
Decimal	15394017
CIELab	90.97, 1.51, 2.17
CIELCh	91, 2.643, 55.186
Yxy	78.4155, 0.3188, 0.3322
Android (android.graphics.Color)	4293584097 (0xFFEAE4E1)
YUV	229.4520, -2.1948, 3.9886
Hunter-Lab	88.5525, -3.2499, 6.8142

Details

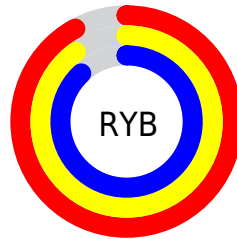
The XYZ color **75.2657, 78.4155, 82.4029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4784, 79.0987, 89.1850**, and the grayscale version is **74.8243, 78.7210, 85.7272**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5594, 42.2544, 44.0484** is the 20% darker color. If you saturate the color by 10%, you get **68.1934, 69.0335, 65.3606**, and if you desaturate by 10%, it is **83.1667, 88.7528, 101.8817**.

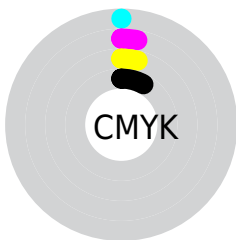
Distribution



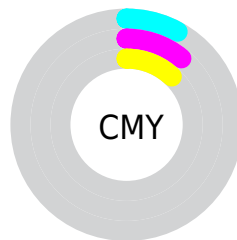
- Red (92%)
- Green (89%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2657, 78.4155, 82.4029 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 75.2657, 78.4155, 82.4029 by changing the saturation by 10% instead.

75.2657, 78.4155,
82.4029

75.2657, 78.4155,
82.4029

467.8134,
489.5768, 522.9132

56.1255, 58.4154,
61.1599

125.6743,
131.1357, 138.5806

40.5410, 42.1427,
43.9229

157.6734,
164.6245, 174.3524

28.1467, 29.2130,
30.2731

194.6896,
203.3784, 215.8043

18.5773, 19.2420,
19.7922

237.0882,
247.7816, 263.3548

11.4674, 11.8453,
12.0615

285.2345,
298.2187, 317.4223

6.4517, 6.6384,
6.6625

339.4939,

3.1649, 3.2370,

355.0740, 378.4256

3.1767

400.2318,
418.7319, 446.7830

■ 1.2416, 1.2567,
1.1856

■ 0.1388, 0.1073,
0.0000

■ 75.2657, 78.4155,
82.4029

■ 75.2657, 78.4155,
82.4029

■ 68.1934, 69.0335,
65.3606

■ 83.1667, 88.7528,
101.8817

■ 61.9153, 60.5692,
50.6533

■ 87.7421, 96.2327,
108.5580

■ 56.4041, 52.9971,
38.1795

■ 51.6285, 46.2871,
27.8287

■ 47.5548, 40.4071,
19.4805

■ 44.1462, 35.3227,
13.0026

■ 41.3625, 30.9971,
8.2463

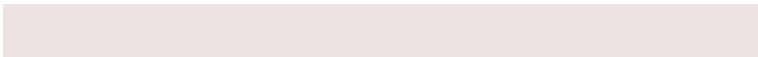
■ 39.1581, 27.3900,
5.0398

■ 37.4795, 24.4562,
3.1750

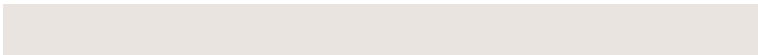
Harmonies

Analogous

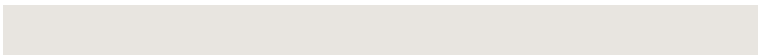
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6974, 78.4155, 83.8286



75.2657, 78.4155, 82.4029



74.6392, 78.4155, 81.7755

Triad

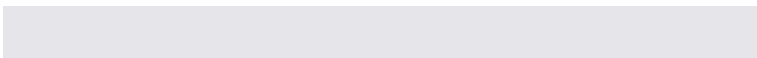
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2657, 78.4155, 82.4029



73.2617, 78.4155, 85.0735



75.0783, 78.4155, 88.7460

Complementary

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



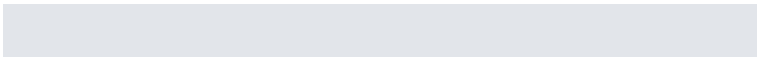
75.2657, 78.4155, 82.4029



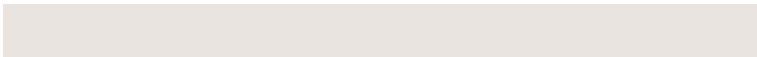
74.4784, 79.0987, 89.1850

Split Complementary

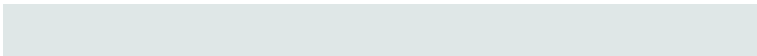
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4241, 78.4155, 89.0912



75.2657, 78.4155, 82.4029



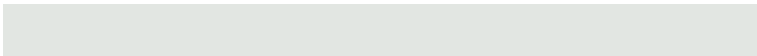
73.3778, 78.4155, 86.9527

Square

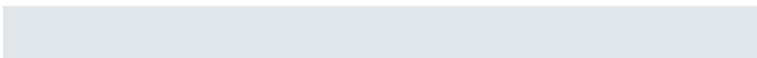
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



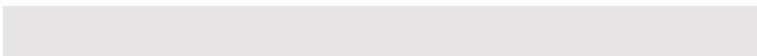
75.2657, 78.4155, 82.4029



73.4843, 78.4155, 83.3026



73.8022, 78.4155, 88.4303



75.5888, 78.4155, 87.4939

Rectangle

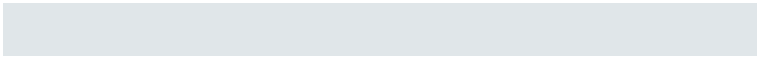
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



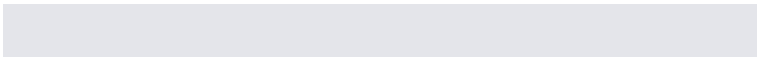
75.2657, 78.4155, 82.4029



74.1964, 78.4155, 81.8875



73.8022, 78.4155, 88.4303



74.8678, 78.4155, 88.9728

Sweetspot

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



75.2679, 78.4189, 82.4046



94.1025, 98.7577, 106.5722



75.2818, 77.1135, 86.5190



20.1518, 21.1513, 22.8354



0.0000, 0.0000, 0.0000



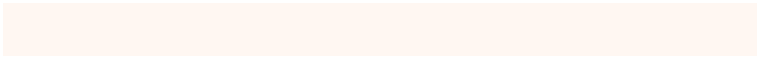
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2679, 78.4189, 82.4046



90.4145, 93.9056, 97.5616



76.5209, 80.9249, 82.8223



16.0671, 16.6579, 17.1952



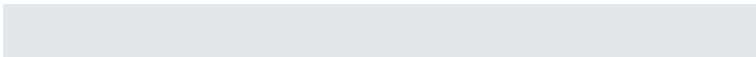
20.7065, 13.1072, 1.4386



1.7116, 1.2004, 0.1415

Inverse Universe

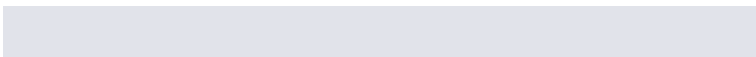
The Inverse Universe completely reimagines the original color for something new.



74.4784, 79.0987, 89.1850



89.1711, 94.9761, 108.2401



73.2362, 76.6143, 88.7710



15.8167, 16.8735, 19.3455



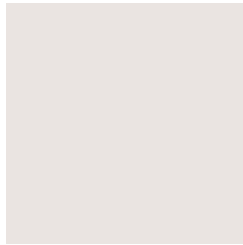
15.1364, 16.9198, 46.2110



1.2764, 1.5043, 3.6580

Previews

White Background



This preview shows how the XYZ color 75.2657, 78.4155, 82.4029 looks on a white background.

Color Contrast Check

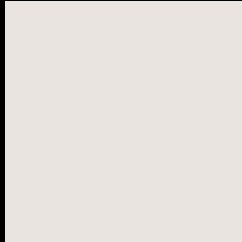
Large Text (above 18pt) WCAG AA × Fail

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 75.2657, 78.4155, 82.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

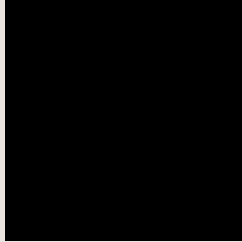
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

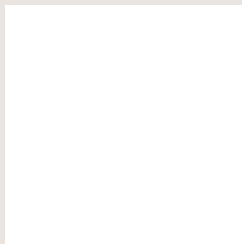
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2657, 78.4155, 82.4029

Background



This preview shows how black text looks on a background with the XYZ color 75.2657, 78.4155, 82.4029.

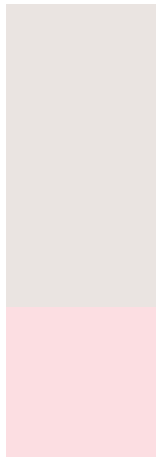


This preview shows how white text looks on a background with the XYZ color 75.2657, 78.4155,

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

75.2657, 78.4155, 82.4029

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

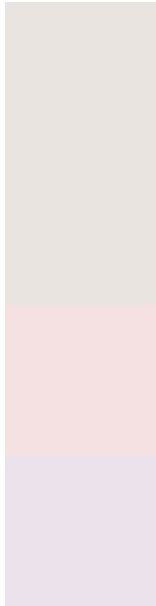
79.9936, 78.4290, 82.8737



Tritanopia

78.0279, 78.3260, 95.7999

Trichromacy



Original Color

75.2657, 78.4155, 82.4029

Protanomaly

75.2657, 78.4155, 82.4029

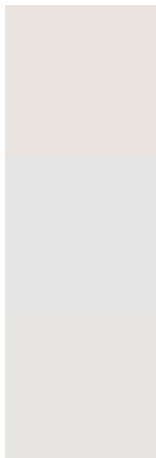
Deuteranomaly

78.0393, 78.2148, 82.9354

Tritanomaly

76.9287, 78.2817, 90.4122

Monochromacy



Original Color

75.2657, 78.4155, 82.4029

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9779, 78.6290, 84.6239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2657, 78.4155, 82.4029 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, 228, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 228, 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, 228, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 228, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.2657, 78.4155, 82.4029 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, 228, 225) }
```


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

```
.border{ border-color:rgb(234, 228, 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, 228, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 228, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 228, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 228,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2657, 78.4155, 82.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 228, 225) }
```

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

```
.background{ background-color: rgb(234,  
228, 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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