

Converting Colors

XYZ(75.6092, 77.2586, 88.2618)

Have a look what the booklet for
XYZ(75.6092, 77.2586, 88.2618)
contains.

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Color

**XYZ(75.5649, 77.2260,
88.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1E9
RGB	234, 225, 233
RGB Percent	92%, 88%, 91%
CMY	0.0823, 0.1176, 0.0863
CMYK	0.00, 0.04, 0.00, 0.08
HSL	307°, 18%, 90%
HSV	307°, 4%, 92%
XYZ	75.5649, 77.2260, 88.0142
YIQ	228.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

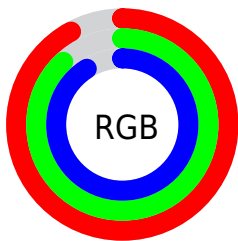
Format	Color
R_{YB}	234, 225, 233
Decimal	15393257
CIE Lab	90.43, 4.46, -2.81
CIE LCh	90, 5.277, 327.775
Yxy	77.2260, 0.3138, 0.3207
Android (android.graphics.Color)	4293583337 (0xFFEAE1E9)
YUV	228.6030, 2.1677, 4.7332
Hunter-Lab	87.8783, -0.2983, 2.1332

Details

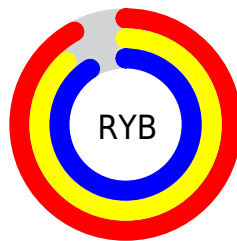
The XYZ color **75.5649, 77.2260, 88.0142** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2045, 80.3463, 83.5529**, and the grayscale version is **74.1696, 78.0322, 84.9770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6706, 41.3888, 47.4402** is the 20% darker color. If you saturate the color by 10%, you get **69.2994, 65.2844, 84.1065**, and if you desaturate by 10%, it is **82.7072, 90.9102, 92.2431**.

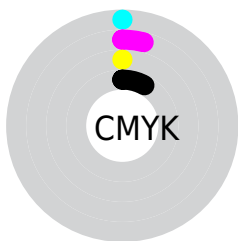
Distribution



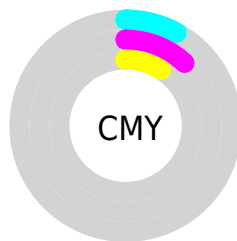
- Red (92%)
- Green (88%)
- Blue (91%)



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



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



- Cyan (8%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5649, 77.2260, 88.0142 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 75.5649, 77.2260, 88.0142 by changing the saturation by 10% instead.

75.5649, 77.2260,
88.0142

75.5649, 77.2260,
88.0142

468.8243,
485.5342, 541.9522

56.3716, 57.4384,
65.7704

126.0953,
129.4585, 146.4882

40.7391, 41.3573,
47.6308

158.1632,
162.6721, 183.5556

28.3021, 28.5984,
33.1767

195.2532,
201.1298, 226.4012

18.6951, 18.7772,
21.9896

237.7308,
245.2161, 275.4436

11.5529, 11.5094,
13.6510

285.9614,
295.3153, 331.1014

6.5100, 6.4106,
7.7424

340.3103,

3.2012, 3.0963,

351.8118, 393.7931

3.8451

401.1428,
415.0899, 463.9372

■ 1.2610, 1.1822,
1.5408

■ 0.1538, 0.0471,
0.2480

■ 75.5649, 77.2260,
88.0142

■ 75.5649, 77.2260,
88.0142

■ 69.2994, 65.2844,
84.1065

■ 82.7072, 90.9102,
92.2431

■ 63.8691, 55.0054,
80.5031

■ 85.1549, 95.1978,
94.9334

■ 59.2386, 46.3175,
77.1931

■ 85.5405, 95.3520,
96.9636

■ 55.3678, 39.1402,
74.1630

■ 85.9315, 95.5084,
99.0230

52.2127, 33.3858,
71.3981

86.3282, 95.6671,
101.1117

49.7252, 28.9578,
68.8822

86.7304, 95.8280,
103.2299

47.8508, 25.7476,
66.5970

87.1383, 95.9911,
105.3777

46.5267, 23.6295,
64.5214

87.5518, 96.1565,
107.5551

45.6763, 22.4504,
62.6299

87.7422, 96.2327,
108.5580

Harmonies

Analogous

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



74.5878, 77.2260, 90.6697



75.5649, 77.2260, 88.0142



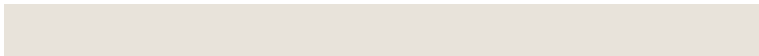
75.9615, 77.2260, 84.3679

Triad

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



75.5649, 77.2260, 88.0142



73.4994, 77.2260, 77.0429



71.1824, 77.2260, 87.5123

Complementary

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



75.5649, 77.2260, 88.0142



74.2045, 80.3463, 83.5529

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.



70.8987, 77.2260, 83.8047



75.5649, 77.2260, 88.0142



72.2268, 77.2260, 77.8290

Square

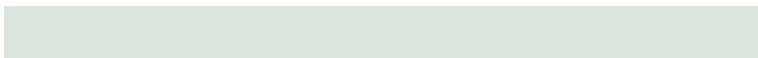
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



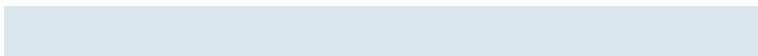
75.5649, 77.2260, 88.0142



74.7601, 77.2260, 78.0968



71.2788, 77.2260, 80.2764



72.0585, 77.2260, 90.3739

Rectangle

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



75.5649, 77.2260, 88.0142



75.8398, 77.2260, 81.8906



71.2788, 77.2260, 80.2764



71.0151, 77.2260, 86.3203

Sweetspot

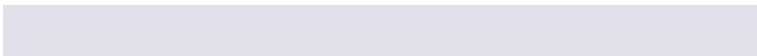
The Sweet Spot groups the original color and five complimentary colors.



75.5671, 77.2293, 88.0159



94.1963, 98.3655, 108.3904



73.1124, 75.9473, 88.6490



20.1709, 21.0715, 23.2054



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

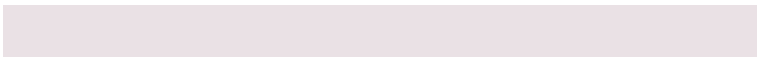
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5671, 77.2293, 88.0159



90.8892, 92.0422, 106.3913



74.9465, 76.9811, 84.7478



16.1633, 16.2842, 18.9726



25.4939, 12.4003, 34.7319



2.0225, 0.9820, 2.8358

Inverse Universe

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



75.5671, 77.2293, 88.0159



90.8892, 92.0422, 106.3913



74.8159, 80.5909, 86.7725



16.1633, 16.2842, 18.9726



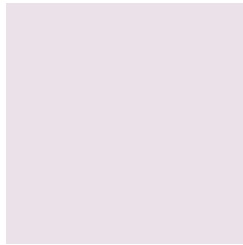
25.4939, 12.4003, 34.7319



2.0225, 0.9820, 2.8358

Previews

White Background



This preview shows how the XYZ color 75.5649, 77.2260, 88.0142 looks on a white background.

Color Contrast Check

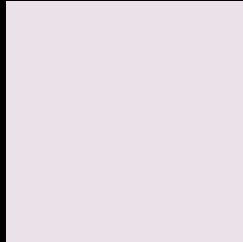
Large Text (above 18pt) WCAG AA × Fail

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 75.5649, 77.2260, 88.0142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

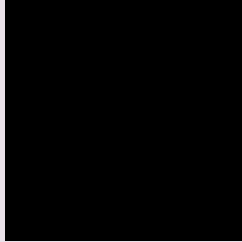
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

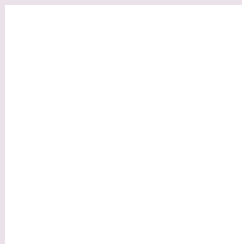
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5649, 77.2260, 88.0142

Background



This preview shows how black text looks on a background with the XYZ color 75.5649, 77.2260, 88.0142.

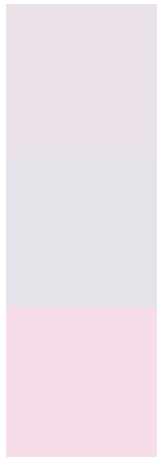


This preview shows how white text looks on a background with the XYZ color 75.5649, 77.2260,

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

75.5649, 77.2260, 88.0142

Protanopia

74.6808, 77.1562, 88.7984

Deuteranopia

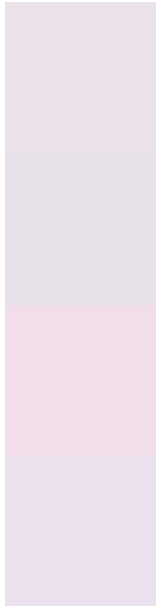
79.0655, 77.4276, 88.6197



Tritanopia

76.7938, 77.3244, 94.0967

Trichromacy



Original Color

75.5649, 77.2260, 88.0142

Protanomaly

75.0026, 77.3221, 88.8135

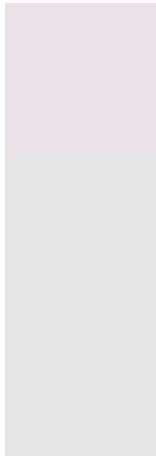
Deuteranomaly

77.5905, 77.0603, 88.6266

Tritanomaly

76.3492, 77.1465, 91.7557

Monochromacy



Original Color

75.5649, 77.2260, 88.0142

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9813, 78.1889, 86.0029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5649, 77.2260, 88.0142 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, 225, 233) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 233)  
}
```

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, 225, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.5649, 77.2260, 88.0142 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, 225, 233) }
```


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

```
.border{ border-color:rgb(234, 225, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5649, 77.2260, 88.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 233) }
```

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

```
.background{ background-color: rgb(234,  
225, 233) }
```

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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