

Converting Colors

XYZ(75.6996, 78.2638, 84.1460)

Have a look what the booklet for
XYZ(75.6996, 78.2638, 84.1460)
contains.

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Color

**XYZ(75.5952, 78.1464,
83.7725)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE3E3
RGB	235, 227, 227
RGB Percent	92%, 89%, 89%
CMY	0.0784, 0.1098, 0.1098
CMYK	0.00, 0.03, 0.03, 0.08
HSL	0°, 17%, 91%
HSV	0°, 3%, 92%
XYZ	75.5952, 78.1464, 83.7725
YIQ	229.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

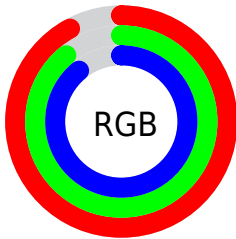
Format	Color
R_{YB}	235, 227, 227
Decimal	15459299
CIE Lab	90.85, 2.71, 0.95
CIE LCh	91, 2.874, 19.395
Yxy	78.1464, 0.3183, 0.3290
Android (android.graphics.Color)	4293649379 (0xFFEBE3E3)
YUV	229.3920, -1.1793, 4.9182
Hunter-Lab	88.4005, -2.0574, 5.6943

Details

The XYZ color **75.5952, 78.1464, 83.7725** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3823, 81.7446, 90.3509**, and the grayscale version is **74.7727, 78.6667, 85.6680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7893, 42.0673, 44.9997** is the 20% darker color. If you saturate the color by 10%, you get **66.5791, 64.9547, 65.8421**, and if you desaturate by 10%, it is **85.9349, 93.2747, 104.3301**.

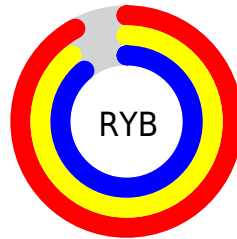
Distribution



Red (92%)

Green (89%)

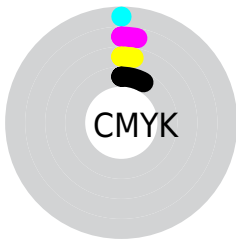
Blue (89%)



Red (92%)

Yellow (89%)

Blue (89%)

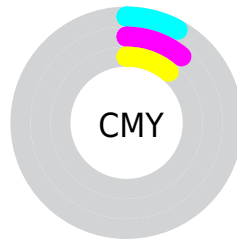


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5952, 78.1464, 83.7725 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 75.5952, 78.1464, 83.7725 by changing the saturation by 10% instead.

75.5952, 78.1464,
83.7725

75.5952, 78.1464,
83.7725

468.9266,
488.6639, 527.5958

56.3965, 58.1943,
62.2833

126.1379,
130.7565, 140.5158

40.7592, 41.9648,
44.8244

158.2127,
164.1832, 176.6070

28.3178, 29.0738,
30.9772

195.3103,
202.8702, 218.4026

18.7070, 19.1366,
20.3232

237.7959,
247.2020, 266.3211

11.5615, 11.7690,
12.4438

286.0350,
297.5628, 320.7812

6.5159, 6.5866,
6.9205

340.3929,

3.2049, 3.2049,

354.3371, 382.2013

3.3347

401.2350,
417.9094, 451.0000

■ 1.2630, 1.2396,
1.2680

■ 0.1553, 0.0937,
0.0353

■ 75.5952, 78.1464,
83.7725

■ 75.5952, 78.1464,
83.7725

■ 66.5791, 64.9547,
65.8421

■ 85.9349, 93.2747,
104.3301

■ 58.8269, 53.6119,
50.4283

■ 88.0714, 96.4024,
108.5734

■ 52.2841, 44.0385,
37.4200

■ 46.8898, 36.1452,
26.6960

■ 42.5778, 29.8353,
18.1245

■ 39.2750, 25.0019,
11.5601

■ 36.8995, 21.5252,
6.8397

■ 35.3564, 19.2664,
3.7748

■ 34.5309, 18.0575,
2.1363

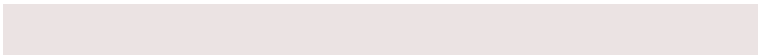
Harmonies

Analogous

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



75.6510, 78.1464, 85.8232



75.5952, 78.1464, 83.7725



75.1845, 78.1464, 82.1003

Triad

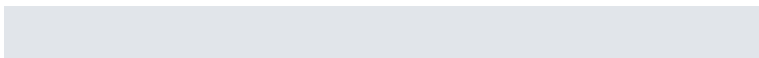
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5952, 78.1464, 83.7725



73.2251, 78.1464, 82.5224



74.0202, 78.1464, 89.0629

Complementary

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



75.5952, 78.1464, 83.7725



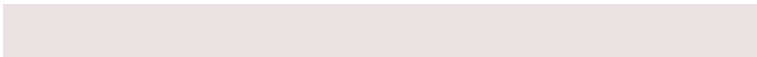
76.3823, 81.7446, 90.3509

Split Complementary

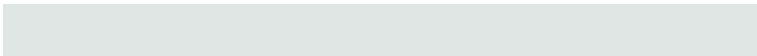
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3744, 78.1464, 88.1476



75.5952, 78.1464, 83.7725



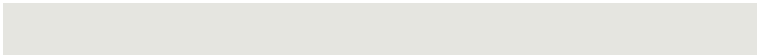
72.9174, 78.1464, 84.3573

Square

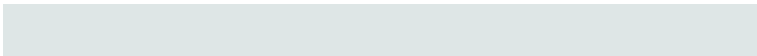
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



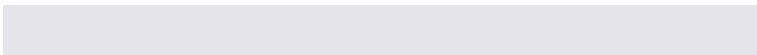
75.5952, 78.1464, 83.7725



73.8150, 78.1464, 81.3867



72.9719, 78.1464, 86.4175



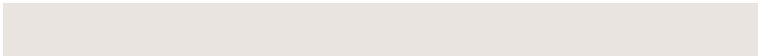
74.7385, 78.1464, 88.9002

Rectangle

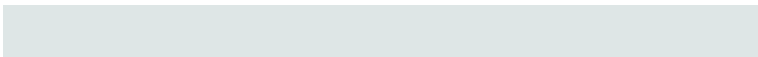
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



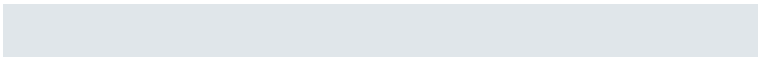
75.5952, 78.1464, 83.7725



74.7663, 78.1464, 81.4146



72.9719, 78.1464, 86.4175



73.7875, 78.1464, 88.8706

Sweetspot

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



75.5974, 78.1498, 83.7742



93.8344, 98.2214, 106.4828



76.7266, 78.5997, 89.7257



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



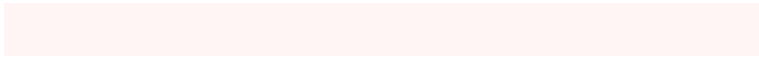
20.3446, 21.4041, 23.3091

Same Dimension

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



75.5974, 78.1498, 83.7742



90.2844, 93.0273, 99.4238



76.7031, 80.3613, 84.1428



16.0021, 16.4247, 17.4917



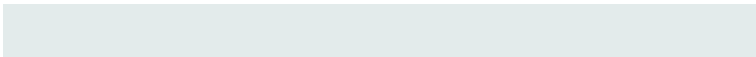
19.0688, 9.8318, 0.8927



1.4976, 0.7725, 0.0702

Inverse Universe

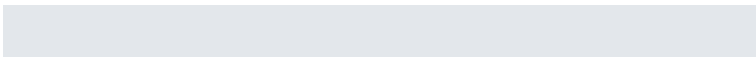
The Inverse Universe completely reimagines the original color for something new.



76.3823, 81.7446, 90.3509



91.3948, 98.1133, 108.7285



75.2510, 79.4821, 89.9738



16.2349, 17.4911, 19.4427



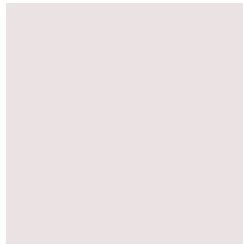
24.8612, 36.3694, 49.4526



1.9524, 2.8563, 3.8833

Previews

White Background



This preview shows how the XYZ color 75.5952, 78.1464, 83.7725 looks on a white background.

Color Contrast Check

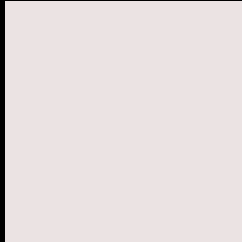
Large Text (above 18pt) WCAG AA × Fail

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 75.5952, 78.1464, 83.7725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

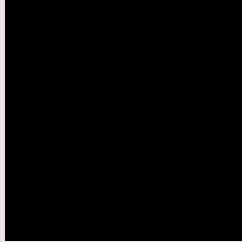
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

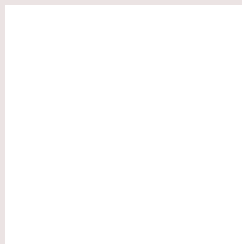
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5952, 78.1464, 83.7725

Background



This preview shows how black text looks on a background with the XYZ color 75.5952, 78.1464, 83.7725.



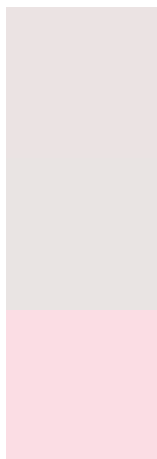
This preview shows how white text looks on a background with the XYZ color 75.5952, 78.1464,

83.7725.

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

75.5952, 78.1464, 83.7725

Protanopia

75.2128, 78.3565, 83.8332

Deuteranopia

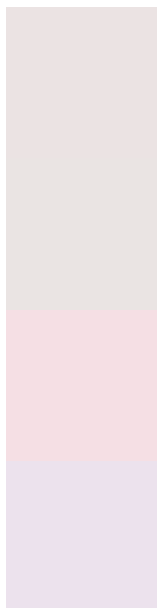
79.6437, 77.8236, 84.2226



Tritanopia

77.8773, 78.2658, 95.0066

Trichromacy



Original Color

75.5952, 78.1464, 83.7725

Protanomaly

75.5402, 78.5253, 83.8485

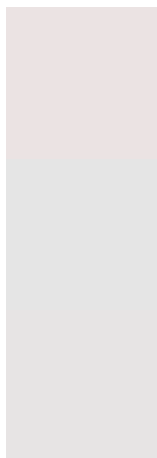
Deuteranomaly

78.0475, 77.7893, 84.3001

Tritanomaly

77.0745, 78.3400, 91.1796

Monochromacy



Original Color

75.5952, 78.1464, 83.7725

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7020, 78.0772, 84.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5952, 78.1464, 83.7725 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(235, 227, 227) looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 227)  
}
```

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(235, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.5952, 78.1464, 83.7725 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(235, 227, 227) }
```


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

```
.border{ border-color:rgb(235, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5952, 78.1464, 83.7725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 227) }
```

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

```
.background{ background-color: rgb(235,  
227, 227) }
```

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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