

Converting Colors

XYZ(72.6611, 75.7886, 81.8860)

Have a look what the booklet for
XYZ(72.6611, 75.7886, 81.8860)
contains.

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Color

**XYZ(72.8289, 75.9447,
82.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E1E1
RGB	229, 225, 225
RGB Percent	90%, 88%, 88%
CMY	0.1020, 0.1176, 0.1176
CMYK	0.00, 0.02, 0.02, 0.10
HSL	0°, 7%, 89%
HSV	0°, 2%, 90%
XYZ	72.8289, 75.9447, 82.0545
YIQ	226.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

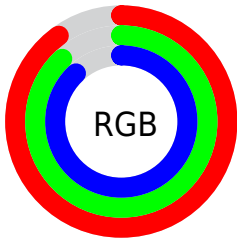
Format	Color
R_{YB}	229, 225, 225
Decimal	15065569
CIE Lab	89.83, 1.36, 0.47
CIE LCh	90, 1.435, 19.086
Yxy	75.9447, 0.3155, 0.3290
Android (android.graphics.Color)	4293255649 (0xFFE5E1E1)
YUV	226.1960, -0.5896, 2.4591
Hunter-Lab	87.1463, -3.3319, 5.1766

Details

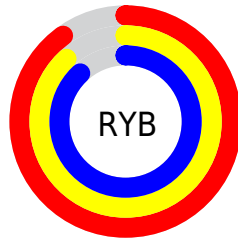
The XYZ color **72.8289, 75.9447, 82.0545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2135, 77.7022, 85.2689**, and the grayscale version is **72.4353, 76.2075, 82.9900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0860, 40.6504, 43.8165** is the 20% darker color. If you saturate the color by 10%, you get **64.1367, 63.2283, 64.7641**, and if you desaturate by 10%, it is **82.7731, 90.4925, 101.8312**.

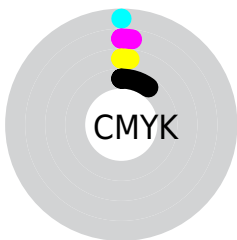
Distribution



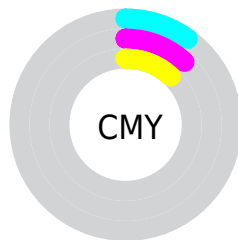
- Red (90%)
- Green (88%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8289, 75.9447, 82.0545 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 72.8289, 75.9447, 82.0545 by changing the saturation by 10% instead.

■ 72.8289, 75.9447,
82.0545

■ 72.8289, 75.9447,
82.0545

459.5346,
481.1584, 521.7182

■ 54.1239, 56.3872,
60.8744

122.2387,
127.6487, 138.0878

■ 38.9318, 40.5134,
43.6939

153.6743,
160.5640, 173.7781

■ 26.8872, 27.9391,
30.0945

190.0841,
198.7007, 215.1421

■ 17.6247, 18.2797,
19.6577

231.8336,
242.4431, 262.5985

■ 10.7789, 11.1510,
11.9649

279.2880,
292.1757, 316.5658

■ 5.9846, 6.1685,
6.5975

332.8127,

■ 2.8763, 2.9478,

348.2828, 377.4624

3.1371

392.7731,
411.1489, 445.7071

■ 1.0887, 1.1045,
1.1650

■ 0.0156, 0.0000,
0.0000

■ 72.8289, 75.9447,
82.0545

■ 72.8289, 75.9447,
82.0545

■ 64.1367, 63.2283,
64.7641

■ 82.7731, 90.4925,
101.8312

■ 56.6408, 52.2616,
49.8569

■ 86.1235, 95.3982,
108.4822

■ 50.2908, 42.9708,
37.2300

■ 45.0303, 35.2736,
26.7710

■ 40.7980, 29.0804,
18.3580

■ 37.5268, 24.2929,
11.8572

■ 35.1413, 20.8011,
7.1186

■ 33.5552, 18.4787,
3.9700

■ 32.6649, 17.1742,
2.2050

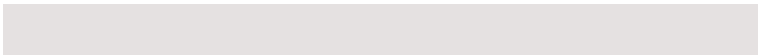
Harmonies

Analogous

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



72.8542, 75.9447, 83.0608



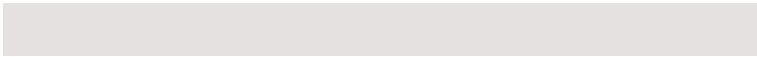
72.8289, 75.9447, 82.0545



72.6303, 75.9447, 81.2252

Triad

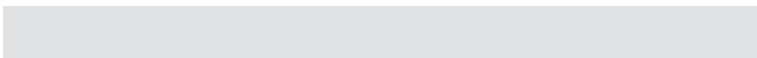
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8289, 75.9447, 82.0545



71.6695, 75.9447, 81.4196



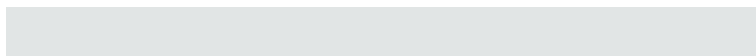
72.0543, 75.9447, 84.6215

Complementary

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



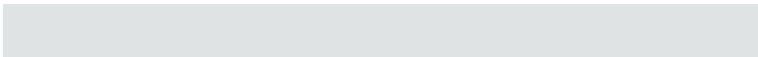
72.8289, 75.9447, 82.0545



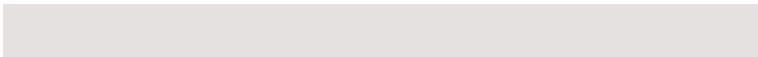
73.2135, 77.7022, 85.2689

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.



71.7379, 75.9447, 84.1741



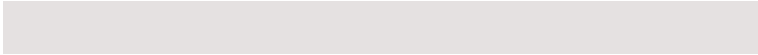
72.8289, 75.9447, 82.0545



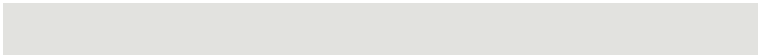
71.5163, 75.9447, 82.3220

Square

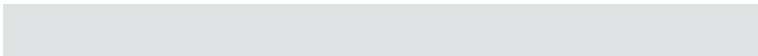
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



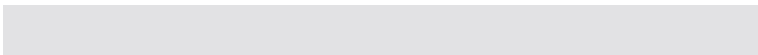
72.8289, 75.9447, 82.0545



71.9606, 75.9447, 80.8607



71.5412, 75.9447, 83.3305



72.4062, 75.9447, 84.5485

Rectangle

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



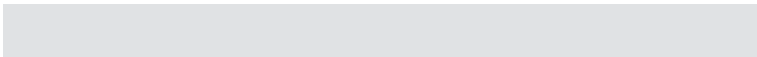
72.8289, 75.9447, 82.0545



72.4266, 75.9447, 80.8816



71.5412, 75.9447, 83.3305



71.9402, 75.9447, 84.5269

Sweetspot

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



72.8310, 75.9480, 82.0561



93.8348, 98.2222, 106.4829



73.3822, 76.1667, 84.9637



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



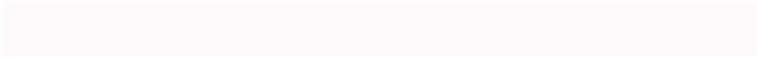
20.3446, 21.4041, 23.3091

Same Dimension

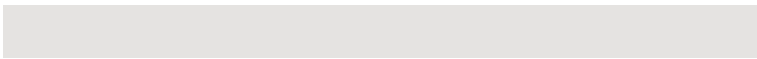
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8310, 75.9480, 82.0561



92.6357, 96.4680, 104.0981



73.3738, 77.0335, 82.2371



15.8322, 16.4974, 17.8123



18.4769, 9.5280, 0.8652



1.3658, 0.7049, 0.0641

Inverse Universe

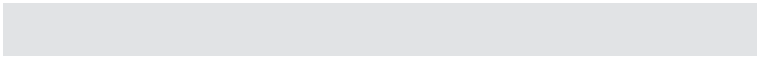
The Inverse Universe completely reimagines the original color for something new.



73.2135, 77.7022, 85.2689



93.1969, 99.0423, 108.8128



72.6644, 76.6040, 85.0859



15.9223, 16.9107, 18.5692



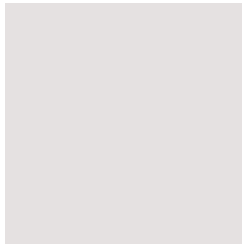
24.0715, 35.2051, 47.9097



1.7792, 2.6023, 3.5405

Previews

White Background



This preview shows how the XYZ color 72.8289, 75.9447, 82.0545 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 72.8289, 75.9447, 82.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

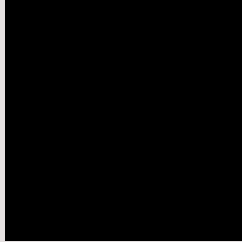
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

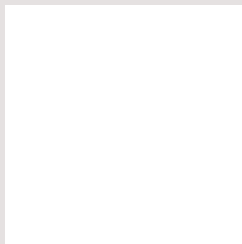
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8289, 75.9447, 82.0545

Background



This preview shows how black text looks on a background with the XYZ color 72.8289, 75.9447, 82.0545.

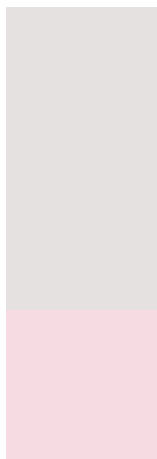


This preview shows how white text looks on a background with the XYZ color 72.8289, 75.9447,

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

72.8289, 75.9447, 82.0545

Protanopia

73.1489, 76.1097, 82.0694

Deuteranopia

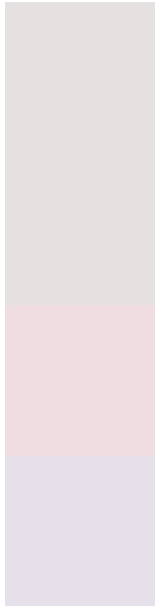
77.4168, 75.9282, 82.5268



Tritanopia

75.0708, 76.0555, 93.1616

Trichromacy



Original Color

72.8289, 75.9447, 82.0545

Protanomaly

73.1489, 76.1097, 82.0694

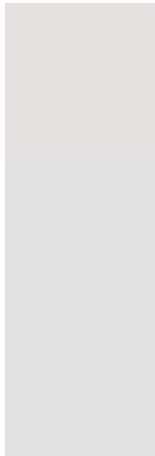
Deuteranomaly

75.5191, 75.7292, 82.5884

Tritanomaly

74.2842, 76.1325, 89.3771

Monochromacy



Original Color

72.8289, 75.9447, 82.0545

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6024, 76.2146, 82.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8289, 75.9447, 82.0545 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(229, 225, 225) looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 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(229, 225, 225) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 72.8289, 75.9447, 82.0545 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(229, 225, 225) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 72.8289, 75.9447, 82.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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