

Converting Colors

XYZ(67.2049, 68.5945, 73.3287)

Have a look what the booklet for
XYZ(67.2049, 68.5945, 73.3287)
contains.

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Color

**XYZ(67.2959, 68.6123,
73.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D5D6
RGB	226, 213, 214
RGB Percent	89%, 84%, 84%
CMY	0.1137, 0.1647, 0.1608
CMYK	0.00, 0.06, 0.05, 0.11
HSL	355°, 18%, 86%
HSV	355°, 6%, 89%
XYZ	67.2959, 68.6123, 73.3150
YIQ	217.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

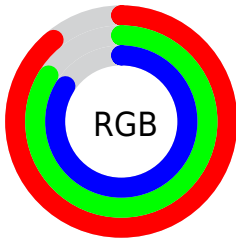
Format	Color
R _Y B	226, 213, 214
Decimal	14865878
CIE Lab	86.31, 4.64, 1.10
CIE LCh	86, 4.773, 13.356
Yxy	68.6123, 0.3216, 0.3279
Android (android.graphics.Color)	4293055958 (0xFFE2D5D6)
YUV	217.0010, -1.4795, 7.8921
Hunter-Lab	82.8325, 0.0624, 5.5053

Details

The XYZ color **67.2959, 68.6123, 73.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2301, 73.9769, 81.9206**, and the grayscale version is **65.9619, 69.3971, 75.5734**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2795, 35.6148, 37.8158** is the 20% darker color. If you saturate the color by 10%, you get **59.5064, 57.0279, 58.4015**, and if you desaturate by 10%, it is **76.2229, 81.9236, 90.2938**.

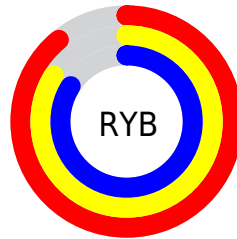
Distribution



Red (89%)

Green (84%)

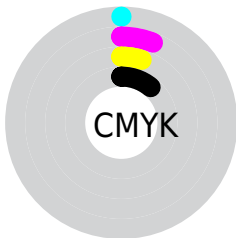
Blue (84%)



Red (89%)

Yellow (84%)

Blue (84%)

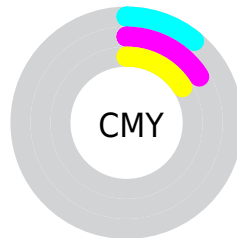


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2959, 68.6123, 73.3150 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 67.2959, 68.6123, 73.3150 by changing the saturation by 10% instead.

67.2959, 68.6123,
73.3150

67.2959, 68.6123,
73.3150

440.4132,
455.6624, 491.2058

49.5967, 50.3960,
53.7402

114.3918,
117.2277, 125.6494

35.3095, 35.7282,
38.0022

144.5191,
148.3955, 159.2460

24.0691, 24.2243,
25.6826

179.5200,
184.6494, 198.3536

15.5099, 15.5001,
16.3627

219.7596,
226.3736, 243.3908

9.2666, 9.1711,
9.6240

265.6034,
273.9527, 294.7761

4.9740, 4.8530,
5.0481

317.4167,

2.2666, 2.1613,

327.7709, 352.9280

2.2163

375.5649,
388.2126, 418.2650

■ 0.7775, 0.6987,
0.6837

■ 0.0000, 0.0000,
0.0000

■ 67.2959, 68.6123,
73.3150

■ 67.2959, 68.6123,
73.3150

■ 59.5064, 57.0279,
58.4015

■ 76.2229, 81.9236,
90.2938

■ 52.8031, 47.0911,
45.4703

■ 85.1744, 94.9090,
108.4378

■ 47.1395, 38.7298,
34.4391

■ 42.4634, 31.8630,
25.2184

■ 38.7182, 26.4027,
17.7113

■ 35.8413, 22.2513,
11.8120

■ 33.7625, 19.2993,
7.4029

■ 32.4008, 17.4187,
4.3501

■ 31.6573, 16.4529,
2.4958

Harmonies

Analogous

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



67.2638, 68.6123, 76.4576



67.2959, 68.6123, 73.3150



66.7657, 68.6123, 70.6207

Triad

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



67.2959, 68.6123, 73.3150



63.7710, 68.6123, 70.3840



64.6093, 68.6123, 80.6693

Complementary

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



67.2959, 68.6123, 73.3150



68.2301, 73.9769, 81.9206

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.



63.6864, 68.6123, 78.9483



67.2959, 68.6123, 73.3150



63.2061, 68.6123, 72.9836

Square

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



67.2959, 68.6123, 73.3150



64.7260, 68.6123, 68.9609



63.1754, 68.6123, 76.1168



65.7043, 68.6123, 80.7641

Rectangle

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



67.2959, 68.6123, 73.3150



66.1681, 68.6123, 69.4168



63.1754, 68.6123, 76.1168



64.2690, 68.6123, 80.2596

Sweetspot

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



67.2978, 68.6153, 73.3165



92.6955, 96.4895, 104.4206



68.5491, 69.0767, 81.6726



19.8653, 20.6895, 22.3972



0.0000, 0.0000, 0.0000



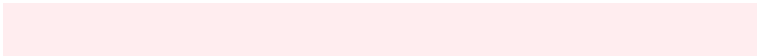
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2978, 68.6153, 73.3165



87.0765, 88.1188, 93.7079



68.5559, 71.3344, 73.1100



14.0744, 14.2007, 15.0725



17.9690, 9.2546, 1.2367



1.2606, 0.6475, 0.1652

Inverse Universe

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



67.2978, 68.6153, 73.3165



87.0765, 88.1188, 93.7079



66.9171, 71.1327, 82.1555



14.0744, 14.2007, 15.0725



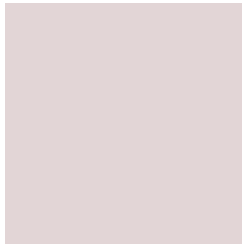
17.9690, 9.2546, 1.2367



1.2606, 0.6475, 0.1652

Previews

White Background



This preview shows how the XYZ color 67.2959, 68.6123, 73.3150 looks on a white background.

Color Contrast Check

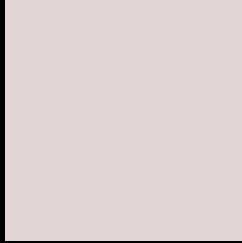
Large Text (above 18pt) WCAG AA × Fail

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 67.2959, 68.6123, 73.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

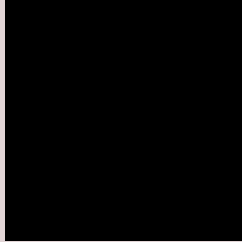
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

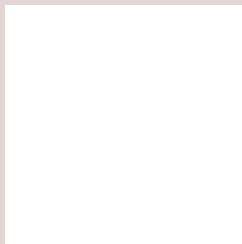
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2959, 68.6123, 73.3150

Background



This preview shows how black text looks on a background with the XYZ color 67.2959, 68.6123, 73.3150.



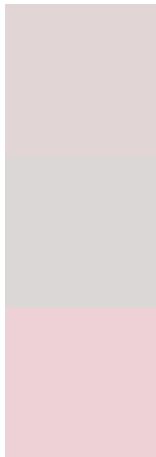
This preview shows how white text looks on a background with the XYZ color 67.2959, 68.6123,

73.3150.

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

67.2959, 68.6123, 73.3150

Protanopia

66.0814, 68.7228, 74.0719

Deuteranopia

69.9913, 68.5117, 73.8251



Tritanopia

69.1543, 68.6286, 82.2749

Trichromacy



Original Color

67.2959, 68.6123, 73.3150

Protanomaly

66.4365, 68.5290, 74.0158

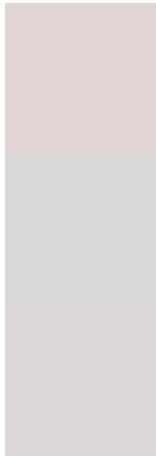
Deuteranomaly

68.9166, 68.3231, 73.8454

Tritanomaly

68.4069, 68.6918, 78.7607

Monochromacy



Original Color

67.2959, 68.6123, 73.3150

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4657, 69.2852, 74.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2959, 68.6123, 73.3150 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(226, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 214)  
}
```

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(226, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 67.2959, 68.6123, 73.3150 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(226, 213, 214) }
```


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

```
.border{ border-color:rgb(226, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2959, 68.6123, 73.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 214) }
```

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

```
.background{ background-color: rgb(226,  
213, 214) }
```

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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