

Converting Colors

XYZ(68.6925, 69.8503, 59.2881)

Have a look what the booklet for
XYZ(68.6925, 69.8503, 59.2881)
contains.

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Color

**XYZ(68.7104, 70.0319,
59.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	EED6BF
RGB	238, 214, 191
RGB Percent	93%, 84%, 75%
CMY	0.0667, 0.1608, 0.2510
CMYK	0.00, 0.10, 0.20, 0.07
HSL	29°, 58%, 84%
HSV	29°, 20%, 93%
XYZ	68.7104, 70.0319, 59.1863
YIQ	218.5540, 21.6870, -2.0650

Conversions

Conversions Part 2

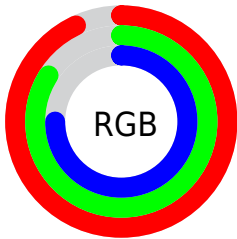
Format	Color
R _Y B	238, 236, 191
Decimal	15652543
CIE Lab	87.01, 4.72, 14.38
CIE LCh	87, 15.140, 71.819
Yxy	70.0319, 0.3471, 0.3538
Android (android.graphics.Color)	4293842623 (0xFFEED6BF)
YUV	218.5540, -13.5841, 17.0541
Hunter-Lab	83.6851, 0.1102, 16.6467

Details

The XYZ color **68.7104, 70.0319, 59.1863** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.2184, 65.8485, 90.3727**, and the grayscale version is **67.1052, 70.5999, 76.8832**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **36.2770, 36.5763, 29.1927** is the 20% darker color. If you saturate the color by 10%, you get **63.3403, 63.1479, 45.5074**, and if you desaturate by 10%, it is **74.7393, 77.5513, 75.1862**.

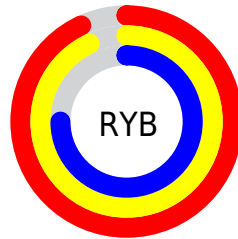
Distribution



Red (93%)

Green (84%)

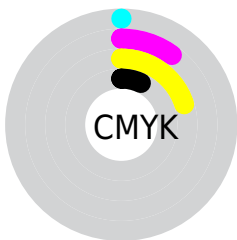
Blue (75%)



Red (93%)

Yellow (93%)

Blue (75%)

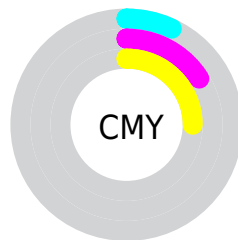


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7104, 70.0319, 59.1863 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 68.7104, 70.0319, 59.1863 by changing the saturation by 10% instead.

68.7104, 70.0319,
59.1863

68.7104, 70.0319,
59.1863

445.3463,
460.6620, 439.3131

50.7517, 51.5525,
42.3421

116.4042,
119.2542, 105.1802

36.2313, 36.6485,
29.0417

146.8699,
150.7660, 135.1669

24.7838, 24.9355,
18.8665

182.2354,
187.3907, 170.3716

16.0439, 16.0290,
11.3980

222.8660,
229.5128, 211.2128

9.6463, 9.5447,
6.2177

269.1270,
277.5165, 258.1090

5.2255, 5.0981,
2.9070

321.3838,

2.4163, 2.3050,

331.7864, 311.4787

1.0473

380.0018,
392.7067, 371.7406

■ 0.8532, 0.7763,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.7104, 70.0319,
59.1863

■ 68.7104, 70.0319,
59.1863

■ 63.3403, 63.1479,
45.5074

■ 74.7393, 77.5513,
75.1862

■ 58.5980, 56.8716,
34.0353

■ 81.4454, 85.7139,
93.6050

■ 54.4578, 51.1872,
24.6527

■ 87.6382, 94.0535,
108.1429

■ 50.8902, 46.0740,
17.2295

■ 89.0700, 96.9172,
108.6201

■ 47.8624, 41.5103,
11.6208

■ 45.3376, 37.4721,
7.6614

■ 43.2729, 33.9325,
5.1551

■ 41.6014, 30.8546,
3.7802

■ 41.5624, 30.7820,
3.7509

Harmonies

Analogous

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



71.7676, 70.0319, 63.9757



68.7104, 70.0319, 59.1863



65.1784, 70.0319, 58.7145

Triad

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



68.7104, 70.0319, 59.1863



60.1187, 70.0319, 80.3169



71.2072, 70.0319, 91.7281

Complementary

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



68.7104, 70.0319, 59.1863



61.2184, 65.8485, 90.3727

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.



67.9676, 70.0319, 96.9762



68.7104, 70.0319, 59.1863



61.6168, 70.0319, 90.0080

Square

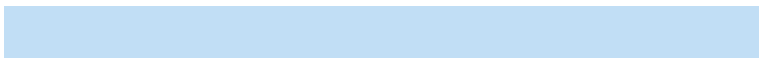
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.7104, 70.0319, 59.1863



60.3016, 70.0319, 70.3288



64.4612, 70.0319, 96.3202



73.2439, 70.0319, 82.5005

Rectangle

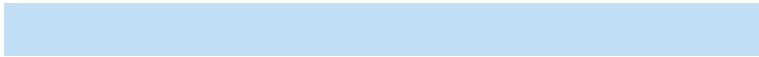
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.7104, 70.0319, 59.1863



63.0375, 70.0319, 60.8545



64.4612, 70.0319, 96.3202



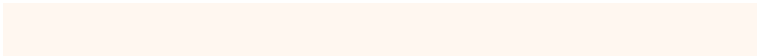
70.2180, 70.0319, 94.0515

Sweetspot

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



68.7123, 70.0350, 59.1878



90.2422, 94.1705, 95.6251



66.1935, 60.3605, 72.6437



19.2073, 20.0241, 20.1719



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.



68.7123, 70.0350, 59.1878



77.5451, 78.3260, 61.9526



75.0113, 82.6330, 61.2874



16.4116, 17.0363, 16.5731



23.3164, 17.4308, 2.1356



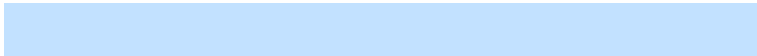
2.0390, 1.6487, 0.2108

Inverse Universe

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



61.2184, 65.8485, 90.3727



67.1841, 72.5374, 105.0679



55.7214, 54.8546, 88.5404



15.5645, 16.5631, 20.0983



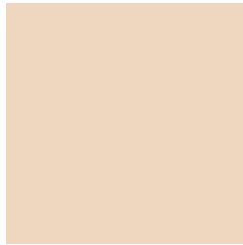
12.5889, 11.4021, 46.6652



1.1469, 1.1477, 3.9153

Previews

White Background



This preview shows how the XYZ color 68.7104, 70.0319, 59.1863 looks on a white background.

Color Contrast Check

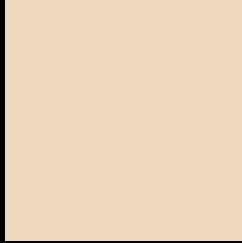
Large Text (above 18pt) WCAG AA × Fail

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 68.7104, 70.0319, 59.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

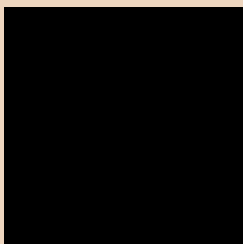
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7104, 70.0319, 59.1863

Background



This preview shows how black text looks on a background with the XYZ color 68.7104, 70.0319, 59.1863.



This preview shows how white text looks on a background with the XYZ color 68.7104, 70.0319,

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

68.7104, 70.0319, 59.1863

Protanopia

66.4334, 69.9699, 60.4562

Deuteranopia

71.6279, 70.0387, 59.6128



Tritanopia

73.0090, 69.9144, 80.8810

Trichromacy



Original Color

68.7104, 70.0319, 59.1863

Protanomaly

67.3490, 70.0733, 59.8450

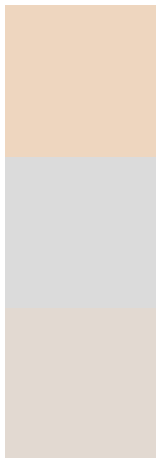
Deuteranomaly

70.4649, 69.8068, 59.6293

Tritanomaly

71.5801, 70.0934, 72.7075

Monochromacy



Original Color

68.7104, 70.0319, 59.1863

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.6855, 70.3979, 70.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7104, 70.0319, 59.1863 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(238, 214, 191)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 191)  
}
```

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(238, 214, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 191) }
```

Border

The CSS property to change the border of an element to XYZ 68.7104, 70.0319, 59.1863 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(238, 214, 191) }
```


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

```
.border{ border-color:rgb(238, 214, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 214, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 214, 191);  
box-shadow:4px 4px 4px 4px rgb(238, 214,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7104, 70.0319, 59.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 191) }
```

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

```
.background{ background-color: rgb(238,  
214, 191) }
```

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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