

Converting Colors

XYZ(68.2327, 68.4947, 60.4185)

Have a look what the booklet for
XYZ(68.2327, 68.4947, 60.4185)
contains.

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Color

**XYZ(68.2918, 68.6607,
60.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	EED3C2
RGB	238, 211, 194
RGB Percent	93%, 83%, 76%
CMY	0.0667, 0.1725, 0.2392
CMYK	0.00, 0.11, 0.18, 0.07
HSL	23°, 56%, 85%
HSV	23°, 18%, 93%
XYZ	68.2918, 68.6607, 60.6924
YIQ	217.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

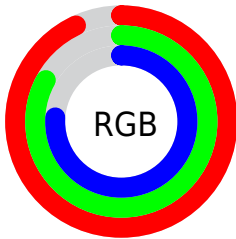
Format	Color
RYB	238, 222, 194
Decimal	15651778
CIELab	86.34, 6.73, 11.84
CIELCh	86, 13.622, 60.402
Yxy	68.6607, 0.3455, 0.3474
Android (android.graphics.Color)	4293841858 (0xFFEED3C2)
YUV	217.1350, -11.4056, 18.2986
Hunter-Lab	82.8618, 2.1055, 14.5760

Details

The XYZ color **68.2918, 68.6607, 60.6924** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.5369, 69.3538, 90.9274**, and the grayscale version is **66.1128, 69.5558, 75.7463**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **36.0820, 35.9525, 29.8487** is the 20% darker color. If you saturate the color by 10%, you get **62.3660, 60.7494, 46.5690**, and if you desaturate by 10%, it is **74.9790, 77.4086, 77.1832**.

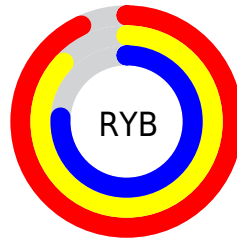
Distribution



Red (93%)

Green (83%)

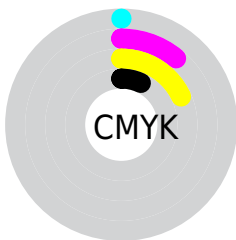
Blue (76%)



Red (93%)

Yellow (87%)

Blue (76%)

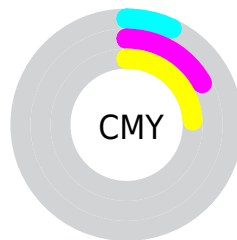


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2918, 68.6607, 60.6924 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 68.2918, 68.6607, 60.6924 by changing the saturation by 10% instead.

68.2918, 68.6607,
60.6924

68.2918, 68.6607,
60.6924

443.8897,
455.8334, 445.0206

50.4097, 50.4354,
43.5480

115.8091,
117.2968, 107.3866

35.9582, 35.7595,
29.9808

146.1750,
148.4765, 137.7735

24.5719, 24.2485,
19.5721

181.4329,
184.7430, 173.4117

15.8854, 15.5181,
11.9034

221.9482,
226.4809, 214.7197

9.5334, 9.1838,
6.5562

268.0861,
274.0745, 262.1161

5.1506, 4.8613,
3.1119

320.2121,

2.3716, 2.1661,

327.9081, 316.0193

1.1521

378.6915,
388.3663, 376.8479

■ 0.8309, 0.7014,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2918, 68.6607,
60.6924

■ 68.2918, 68.6607,
60.6924

■ 62.3660, 60.7494,
46.5690

■ 74.9790, 77.4086,
77.1832

■ 57.1671, 53.6397,
34.6986

■ 82.4494, 87.0082,
96.1398

■ 52.6656, 47.3078,
24.9639

■ 89.0103, 96.7976,
108.6002

■ 48.8282, 41.7251,
17.2348

■ 89.0702, 96.9173,
108.6201

■ 45.6179, 36.8608,
11.3673

■ 42.9939, 32.6816,
7.1974

■ 40.9090, 29.1509,
4.5319

■ 39.2994, 26.2241,
3.0939

■ 39.0855, 25.8279,
2.9253

Harmonies

Analogous

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



70.6145, 68.6607, 66.3353



68.2918, 68.6607, 60.6924



65.2175, 68.6607, 58.7477

Triad

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



68.2918, 68.6607, 60.6924



59.3990, 68.6607, 74.8814



68.3676, 68.6607, 90.7102

Complementary

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



68.2918, 68.6607, 60.6924



63.5369, 69.3538, 90.9274

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.



65.3024, 68.6607, 93.4453



68.2918, 68.6607, 60.6924



60.1831, 68.6607, 83.8691

Square

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



68.2918, 68.6607, 60.6924



60.1429, 68.6607, 66.5298



62.3192, 68.6607, 90.8485



70.6593, 68.6607, 83.6420

Rectangle

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



68.2918, 68.6607, 60.6924



63.1749, 68.6607, 59.6772



62.3192, 68.6607, 90.8485



67.3903, 68.6607, 92.1911

Sweetspot

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



68.2937, 68.6638, 60.6938



89.7618, 93.2097, 95.4649



67.6214, 61.9892, 76.9017



19.0939, 19.7972, 20.1341



0.0000, 0.0000, 0.0000



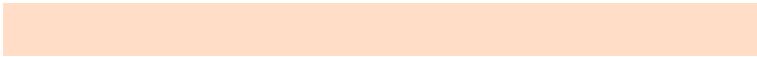
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2937, 68.6638, 60.6938



77.2831, 76.8706, 64.7362



74.0994, 80.2753, 62.6291



16.2737, 16.7605, 16.5271



21.9218, 14.6418, 1.6707



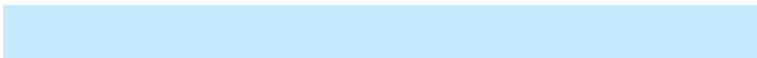
1.9173, 1.4053, 0.1702

Inverse Universe

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



63.5369, 69.3538, 90.9274



70.8061, 77.8072, 105.8942



58.1357, 58.5516, 89.1271



15.7046, 16.8434, 20.1450



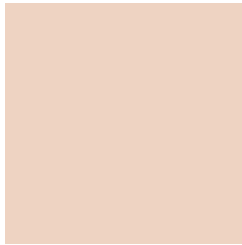
14.4755, 15.1752, 47.2940



1.3003, 1.4547, 3.9665

Previews

White Background



This preview shows how the XYZ color 68.2918, 68.6607, 60.6924 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 68.2918, 68.6607, 60.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

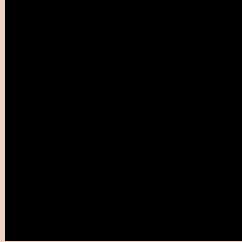
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2918, 68.6607, 60.6924

Background



This preview shows how black text looks on a background with the XYZ color 68.2918, 68.6607, 60.6924.



This preview shows how white text looks on a background with the XYZ color 68.2918, 68.6607,

60.6924.

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

68.2918, 68.6607, 60.6924

Protanopia

65.3156, 68.5940, 62.0220

Deuteranopia

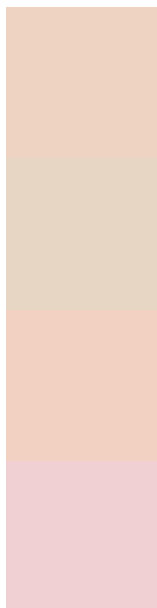
70.0624, 68.4644, 61.1520



Tritanopia

72.2501, 68.8306, 79.2897

Trichromacy



Original Color

68.2918, 68.6607, 60.6924

Protanomaly

66.5300, 68.8563, 61.4138

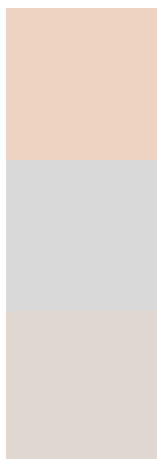
Deuteranomaly

69.2687, 68.4183, 61.1850

Tritanomaly

70.7152, 68.5660, 71.7948

Monochromacy



Original Color

68.2918, 68.6607, 60.6924

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.8604, 69.2119, 70.1569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2918, 68.6607, 60.6924 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, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 194)  
}
```

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, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 194) }
```

Border

The CSS property to change the border of an element to XYZ 68.2918, 68.6607, 60.6924 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, 211, 194) }
```


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

```
.border{ border-color:rgb(238, 211, 194) }
```

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

Here you see how a box with a 4 pixel rgb(238, 211, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(238, 211,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2918, 68.6607, 60.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 194) }
```

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

```
.background{ background-color: rgb(238,  
211, 194) }
```

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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