

Converting Colors

XYZ(57.1094, 62.8521, 12.3587)

Have a look what the booklet for
XYZ(57.1094, 62.8521, 12.3587)
contains.

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Color

**XYZ(57.1074, 62.8521,
12.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD034
RGB	234, 208, 52
RGB Percent	92%, 82%, 20%
CMY	0.0824, 0.1843, 0.7961
CMYK	0.00, 0.11, 0.78, 0.08
HSL	51°, 81%, 56%
HSV	51°, 78%, 92%
XYZ	57.1074, 62.8521, 12.3706
YIQ	197.9900, 65.5720, -43.0040

Conversions

Conversions Part 2

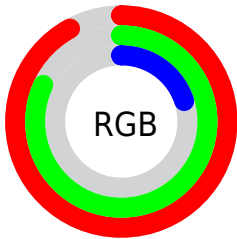
Format	Color
R _Y B	82, 234, 52
Decimal	15388724
CIE Lab	83.36, -6.38, 74.45
CIE LCh	83, 74.725, 94.901
Yxy	62.8521, 0.4316, 0.4750
Android (android.graphics.Color)	4293578804 (0xFFEAD034)
YUV	197.9900, -71.9731, 31.5808
Hunter-Lab	79.2793, -10.1596, 46.2440

Details

The XYZ color **57.1074, 62.8521, 12.3706** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **18.9920, 12.1194, 79.1797**, and the grayscale version is **54.0681, 56.8838, 61.9465**.

A 20% lighter version of the original color is **79.8692, 93.9277, 28.9592**, and **29.0112, 32.1099, 4.6688** is the 20% darker color. If you saturate the color by 10%, you get **55.8995, 61.0812, 9.9807**, and if you desaturate by 10%, it is **58.5963, 64.7677, 16.1428**.

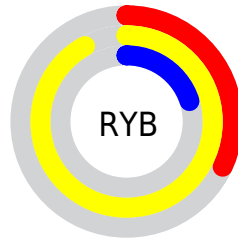
Distribution



Red (92%)

Green (82%)

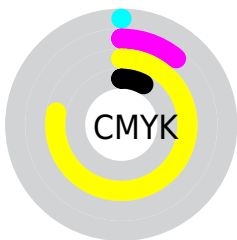
Blue (20%)



Red (32%)

Yellow (92%)

Blue (20%)

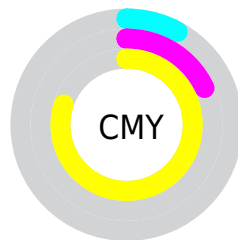


Cyan (0%)

Magenta (11%)

Yellow (78%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1074, 62.8521, 12.3706 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 57.1074, 62.8521, 12.3706 by changing the saturation by 10% instead.

■ 57.1074, 62.8521,
12.3706

■ 57.1074, 62.8521,
12.3706

403.8593,
435.0325, 217.9078

■ 41.3319, 45.7216,
6.8710

■ 99.7523, 108.9561,
30.8427

■ 28.7674, 32.0262,
3.3043

■ 127.3525,
138.6984, 44.6524

■ 19.0483, 21.3815,
1.2521

■ 159.6250,
173.4133, 62.0691

■ 11.8094, 13.4031,
0.0220

■ 196.9352,
213.4854, 83.5114

■ 6.6853, 7.7067,
0.0000

■ 239.6483,
259.2990, 109.3979

■ 3.3107, 3.9079,
0.0000

288.1298,

■ 1.3201, 1.6222,

311.2384, 140.1471

0.0000

342.7450,
369.6881, 176.1776

■ 0.1982, 0.3725,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1074, 62.8521,
12.3706

■ 57.1074, 62.8521,
12.3706

■ 55.8995, 61.0812,
9.9807

■ 58.5963, 64.7677,
16.1428

■ 54.9218, 59.4273,
8.7254

■ 60.3960, 66.8328,
21.4727

■ 54.7200, 59.0693,
8.5175

■ 62.5369, 69.0622,
28.5137

■ 65.0446, 71.4663,
37.3999

67.9421, 74.0545,
48.2521

71.2505, 76.8352,
61.1807

74.9893, 79.8166,
76.2880

79.1766, 83.0060,
93.6696

82.5807, 85.9109,
106.8377

Harmonies

Analogous

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



74.0084, 62.8521, 15.1554



57.1074, 62.8521, 12.3706



43.5752, 62.8521, 18.1317

Triad

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



57.1074, 62.8521, 12.3706



37.5892, 62.8521, 133.5219



92.7640, 62.8521, 113.8825

Complementary

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



57.1074, 62.8521, 12.3706



18.9920, 12.1194, 79.1797

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.



79.4746, 62.8521, 171.2841



57.1074, 62.8521, 12.3706



47.4329, 62.8521, 185.7774

Square

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



57.1074, 62.8521, 12.3706



33.6870, 62.8521, 76.3741



62.4503, 62.8521, 202.0483



96.6221, 62.8521, 61.0665

Rectangle

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



57.1074, 62.8521, 12.3706



37.6348, 62.8521, 28.7790



62.4503, 62.8521, 202.0483



89.1467, 62.8521, 133.9189

Sweetspot

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



57.1088, 62.8551, 12.3719



84.3894, 91.5529, 65.6573



36.5822, 20.5178, 9.4878



17.7590, 19.3375, 12.8760



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.



57.1088, 62.8551, 12.3719



67.2385, 73.0843, 11.1287



46.6855, 67.6729, 13.8512



16.1579, 17.2388, 15.9945



30.8210, 33.3363, 4.8101



2.4704, 2.7182, 0.3945

Inverse Universe

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



18.9920, 12.1194, 79.1797



19.5122, 9.7783, 95.4667



23.2426, 12.0898, 78.9499



14.4047, 14.8959, 19.0382



8.7119, 4.0708, 44.0695



0.7383, 0.4282, 3.4786

Previews

White Background



This preview shows how the XYZ color 57.1074, 62.8521, 12.3706 looks on a white background.

Color Contrast Check

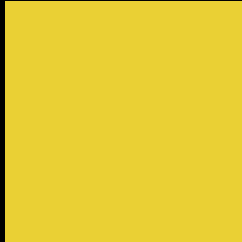
Large Text (above 18pt) WCAG AA × Fail

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 57.1074, 62.8521, 12.3706 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 57.1074, 62.8521, 12.3706

Background



This preview shows how black text looks on a background with the XYZ color 57.1074, 62.8521, 12.3706.



This preview shows how white text looks on a background with the XYZ color 57.1074, 62.8521,

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

57.1074, 62.8521, 12.3706

Protanopia

56.7800, 62.6833, 12.3553

Deuteranopia

63.6838, 62.9150, 19.3770



Tritanopia

68.8064, 62.7799, 68.8128

Trichromacy



Original Color

57.1074, 62.8521, 12.3706

Protanomaly

56.7800, 62.6833, 12.3553

Deuteranomaly

60.8896, 62.5797, 16.2670

Tritanomaly

62.7089, 61.9911, 38.3661

Monochromacy



Original Color

57.1074, 62.8521, 12.3706

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0953, 58.1343, 35.2107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1074, 62.8521, 12.3706 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(234, 208, 52)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 52)  
}
```

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(234, 208, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 52) }
```

Border

The CSS property to change the border of an element to XYZ 57.1074, 62.8521, 12.3706 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(234, 208, 52) }
```


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

```
.border{ border-color:rgb(234, 208, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 52);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1074, 62.8521, 12.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 52) }
```

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

```
.background{ background-color: rgb(234,  
208, 52) }
```

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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