

Converting Colors

XYZ(57.3023, 62.1440, 9.3627)

Have a look what the booklet for
XYZ(57.3023, 62.1440, 9.3627)
contains.

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Color

**XYZ(57.4038, 62.3488,
9.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	EECE0D
RGB	238, 206, 13
RGB Percent	93%, 81%, 5%
CMY	0.0667, 0.1921, 0.9489
CMYK	0.00, 0.13, 0.95, 0.07
HSL	51°, 90%, 49%
HSV	51°, 95%, 93%
XYZ	57.4038, 62.3488, 9.3898
YIQ	193.5660, 81.0250, -53.2390

Conversions

Conversions Part 2

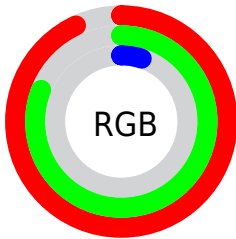
Format	Color
R _Y B	50, 238, 13
Decimal	15650317
CIE Lab	83.10, -4.51, 82.50
CIE LCh	83, 82.621, 93.128
Yxy	62.3488, 0.4445, 0.4828
Android (android.graphics.Color)	4293840397 (0xFFEECE0D)
YUV	193.5660, -89.0190, 38.9686
Hunter-Lab	78.9613, -8.4150, 48.2223

Details

The XYZ color **57.4038, 62.3488, 9.3898** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **16.5377, 8.1366, 81.5870**, and the grayscale version is **51.5002, 54.1822, 59.0044**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **29.3597, 31.8036, 4.5913** is the 20% darker color. If you saturate the color by 10%, you get **56.8892, 61.4363, 8.8600**, and if you desaturate by 10%, it is **58.4872, 64.1024, 11.0260**.

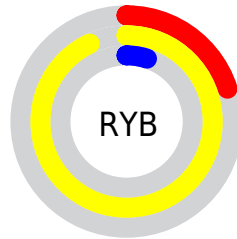
Distribution



Red (93%)

Green (81%)

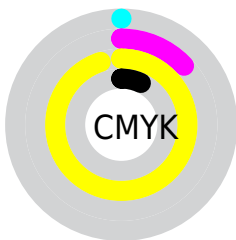
Blue (5%)



Red (20%)

Yellow (93%)

Blue (5%)

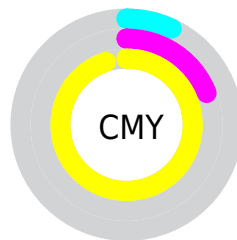


Cyan (0%)

Magenta (13%)

Yellow (95%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4038, 62.3488, 9.3898 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 57.4038, 62.3488, 9.3898 by changing the saturation by 10% instead.


 57.4038, 62.3488,
9.3898


 57.4038, 62.3488,
9.3898


404.9504,
433.2023, 196.5836


 41.5709, 45.3146,
4.8960


 100.1821,
108.2295, 25.2309


 28.9551, 31.7053,
2.1287


 127.8583,
137.8448, 37.4153

 19.1910, 21.1365,
0.6328


 160.2129,
172.4225, 53.0003

 11.9132, 13.2238,
0.0000

 197.6113,
212.3471, 72.4045

 6.7564, 7.5828,
0.0000

 240.4189,
258.0030, 96.0464

 3.3552, 3.8292,
0.0000

 289.0011,

 1.3442, 1.5785,

309.7746, 124.3445

0.0000

343.7231,
368.0462, 157.7174

■ 0.2160, 0.3430,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4038, 62.3488,
9.3898

■ 57.4038, 62.3488,
9.3898

■ 56.8892, 61.4363,
8.8600

■ 58.4872, 64.1024,
11.0260

■ 59.8295, 65.9854,
13.9447

■ 61.4732, 68.0173,
18.3630

■ 63.4519, 70.2118,
24.4572

■ 65.7945, 72.5807,
32.3792

■ 68.5267, 75.1343,
42.2638

■ 71.6719, 77.8822,
54.2332

■ 75.2514, 80.8331,
68.3995

■ 79.2851, 83.9950,
84.8669

Harmonies

Analogous

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



76.2021, 62.3488, 12.4832



57.4038, 62.3488, 9.3898



42.3840, 62.3488, 14.3030

Triad

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



57.4038, 62.3488, 9.3898



34.8758, 62.3488, 137.1869



95.5320, 62.3488, 122.8392

Complementary

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



57.4038, 62.3488, 9.3898



16.5377, 8.1366, 81.5870

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.



80.1106, 62.3488, 188.2693



57.4038, 62.3488, 9.3898



45.0370, 62.3488, 199.0785

Square

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



57.4038, 62.3488, 9.3898



31.1290, 62.3488, 73.4048



61.1571, 62.3488, 221.3469



100.6555, 62.3488, 62.6534

Rectangle

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



57.4038, 62.3488, 9.3898



35.7884, 62.3488, 24.2822



61.1571, 62.3488, 221.3469



91.2463, 62.3488, 145.7837

Sweetspot

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



57.4052, 62.3518, 9.3910



82.4559, 89.9160, 58.1375



35.9122, 18.6687, 4.3755



17.3114, 18.9494, 11.1635



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.



57.4052, 62.3518, 9.3910



66.5033, 71.7865, 10.3511



44.9961, 68.5748, 11.2462



16.9201, 18.0534, 16.7426



31.8118, 34.4216, 4.9674



2.6984, 2.9676, 0.4306

Inverse Universe

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



16.5377, 8.1366, 81.5870



18.6888, 8.4977, 95.2629



19.9667, 8.7246, 81.5198



15.0786, 15.5913, 19.9363



8.9816, 4.1875, 45.4628



0.8028, 0.4597, 3.8006

Previews

White Background



This preview shows how the XYZ color 57.4038, 62.3488, 9.3898 looks on a white background.

Color Contrast Check

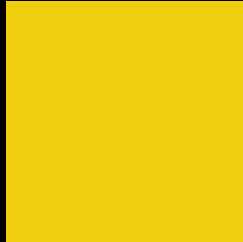
Large Text (above 18pt) WCAG AA × Fail

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 57.4038, 62.3488, 9.3898 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 57.4038, 62.3488, 9.3898

Background



This preview shows how black text looks on a background with the XYZ color 57.4038, 62.3488, 9.3898.



This preview shows how white text looks on a background with the XYZ color 57.4038, 62.3488, 9.3898.

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

57.4038, 62.3488, 9.3898

Protanopia

56.5668, 62.6359, 9.5240

Deuteranopia

63.1138, 62.3201, 17.5066



Tritanopia

69.1957, 62.0418, 66.7208

Trichromacy



Original Color

57.4038, 62.3488, 9.3898

Protanomaly

56.6530, 62.3195, 9.4584

Deuteranomaly

60.7430, 62.2288, 12.9475

Tritanomaly

62.1899, 60.8503, 31.7601

Monochromacy



Original Color

57.4038, 62.3488, 9.3898

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.6687, 55.6483, 28.4927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4038, 62.3488, 9.3898 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, 206, 13)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 13)  
}
```

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, 206, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 13) }
```

Border

The CSS property to change the border of an element to XYZ 57.4038, 62.3488, 9.3898 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, 206, 13) }
```


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

```
.border{ border-color:rgb(238, 206, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 206, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 13);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4038, 62.3488, 9.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 13) }
```

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

```
.background{ background-color: rgb(238,  
206, 13) }
```

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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