

Converting Colors

XYZ(62.2297, 63.7827, 9.0346)

Have a look what the booklet for
XYZ(62.2297, 63.7827, 9.0346)
contains.

XYZ(62.2290, 63.7827, 9.0315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.2290, 63.7827,
9.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	FECB00
RGB	254, 203, 0
RGB Percent	100%, 80%, 0%
CMY	0.0039, 0.2039, 0.9999
CMYK	0.00, 0.20, 1.00, 0.00
HSL	48°, 100%, 50%
HSV	48°, 100%, 100%
XYZ	62.2290, 63.7827, 9.0315
YIQ	195.1070, 95.5590, -52.3210

Conversions

Conversions Part 2

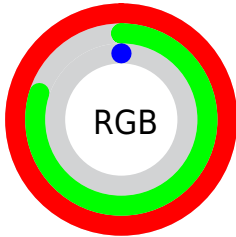
Format	Color
RYB	64, 254, 0
Decimal	16698112
CIELab	83.85, 3.77, 84.94
CIELCh	84, 85.020, 87.461
Yxy	63.7827, 0.4608, 0.4723
Android (android.graphics.Color)	4294888192 (0xFFFE0000)
YUV	195.1070, -96.1878, 51.6492
Hunter-Lab	79.8641, -0.6774, 49.2000

Details

The XYZ color **62.2290, 63.7827, 9.0315** is a light color, and the websafe version is hex **FFCC00**, and the color name is **philippine yellow**. The color can be described as light saturated yellow. A complement of this color would be **19.0742, 9.5251, 94.5984**, and the grayscale version is **52.4547, 55.1864, 60.0980**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **32.4857, 32.7014, 4.5998** is the 20% darker color. If you saturate the color by 10%, you get **62.2291, 63.7833, 9.0316**, and if you desaturate by 10%, it is **63.6347, 66.3065, 10.3885**.

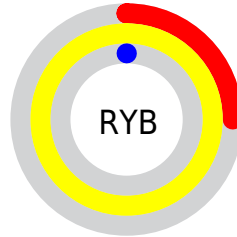
Distribution



Red (100%)

Green (80%)

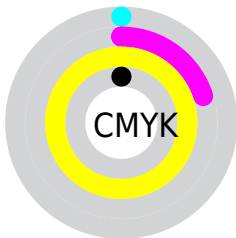
Blue (0%)



Red (25%)

Yellow (100%)

Blue (0%)

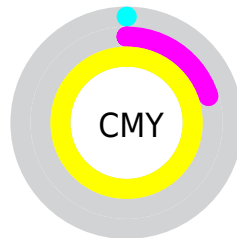


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2290, 63.7827, 9.0315 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 62.2290, 63.7827, 9.0315 by changing the saturation by 10% instead.


 62.2290, 63.7827,
9.0315

 62.2290, 63.7827,
9.0315


422.4702,
438.4045, 193.8394

 45.4741, 46.4747,
4.6646


 107.1445,
110.2979, 24.5359


 32.0339, 32.6206,
1.9966


 136.0358,
140.2739, 36.5104

 21.5430, 21.8359,
0.5532


 169.7032,
175.2414, 51.8580

 13.6362, 13.7364,
0.0000

 208.5122,
215.5847, 70.9971

 7.9481, 7.9376,
0.0000

 252.8280,
261.6883, 94.3462

 4.1133, 4.0550,
0.0000

 303.0160,

 1.7664, 1.7044,

313.9366, 122.3239

0.0000

359.4416,
372.7138, 155.3488

■ 0.4973, 0.4265,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2290, 63.7827,
9.0315

■ 62.2290, 63.7827,
9.0315

■ 62.2291, 63.7833,
9.0316

■ 63.6347, 66.3065,
10.3885

■ 65.3126, 69.0005,
12.9879

■ 67.3359, 71.8973,
17.2072

■ 69.7487, 75.0150,
23.2764

■ 72.5878, 78.3690,
31.3882

■ 75.8857, 81.9728,
41.7114

■ 79.6713, 85.8384,
54.3968

■ 83.9710, 89.9771,
69.5822

■ 88.8094, 94.3992,
87.3946

Harmonies

Analogous

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



82.0733, 63.7827, 13.8095



62.2290, 63.7827, 9.0315



45.5196, 63.7827, 12.3142

Triad

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



62.2290, 63.7827, 9.0315



34.0064, 63.7827, 128.5217



96.2341, 63.7827, 140.7924

Complementary

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



62.2290, 63.7827, 9.0315



19.0742, 9.5251, 94.5984

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.



78.7458, 63.7827, 206.5960



62.2290, 63.7827, 9.0315



43.2802, 63.7827, 197.3110

Square

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



62.2290, 63.7827, 9.0315



31.3494, 63.7827, 64.9896



59.0459, 63.7827, 231.2901



104.0635, 63.7827, 74.1069

Rectangle

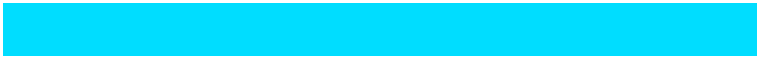
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2290, 63.7827, 9.0315



37.8183, 63.7827, 20.5263



59.0459, 63.7827, 231.2901



91.1345, 63.7827, 164.8230

Sweetspot

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



62.2304, 63.7858, 9.0327



80.3805, 86.6032, 54.8628



41.5639, 21.3476, 5.5510



16.8468, 18.1776, 10.5238



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.



62.2304, 63.7858, 9.0327



62.7857, 64.3515, 9.1119



54.7425, 80.8331, 12.7178



19.2332, 20.4346, 19.0749



32.9157, 33.8426, 4.7974



3.2798, 3.4449, 0.4921

Inverse Universe

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



19.0742, 9.5251, 94.5984



19.2425, 9.6050, 95.4475



20.5609, 8.5334, 94.3286



17.2983, 17.9682, 22.8064



10.1374, 5.1845, 49.9010



1.0597, 0.6501, 4.8829

Previews

White Background



This preview shows how the XYZ color 62.2290, 63.7827, 9.0315 looks on a white background.

Color Contrast Check

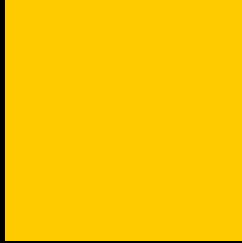
Large Text (above 18pt) WCAG AA × Fail

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 62.2290, 63.7827, 9.0315 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 62.2290, 63.7827, 9.0315

Background



This preview shows how black text looks on a background with the XYZ color 62.2290, 63.7827, 9.0315.



This preview shows how white text looks on a background with the XYZ color 62.2290, 63.7827,

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

62.2290, 63.7827, 9.0315

Protanopia

57.6991, 63.9502, 9.6192

Deuteranopia

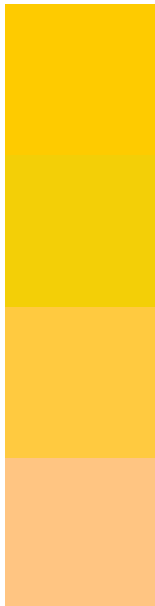
64.4269, 63.9534, 21.0052



Tritanopia

71.2090, 63.7596, 65.6804

Trichromacy



Original Color

62.2290, 63.7827, 9.0315

Protanomaly

59.3133, 63.6957, 9.3694

Deuteranomaly

63.2859, 63.8712, 13.8433

Tritanomaly

65.2355, 62.8042, 29.8032

Monochromacy



Original Color

62.2290, 63.7827, 9.0315

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1511, 56.4423, 27.2146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2290, 63.7827, 9.0315 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(254, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 0)  
}
```

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(254, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 0) }
```

Border

The CSS property to change the border of an element to XYZ 62.2290, 63.7827, 9.0315 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(254, 203, 0) }
```


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

```
.border{ border-color:rgb(254, 203, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2290, 63.7827, 9.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 0) }
```

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

```
.background{ background-color: rgb(254,  
203, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor