

Converting Colors

XYZ(62.1759, 63.1317, 8.9086)

Have a look what the booklet for
XYZ(62.1759, 63.1317, 8.9086)
contains.

XYZ(62.1266, 63.0333, 8.8922)	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(62.1266, 63.0333,
8.8922)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC900
RGB	255, 201, 0
RGB Percent	100%, 79%, 0%
CMY	0.0000, 0.2117, 0.9999
CMYK	0.00, 0.21, 1.00, 0.00
HSL	47°, 100%, 50%
HSV	47°, 100%, 100%
XYZ	62.1266, 63.0333, 8.8922
YIQ	194.2320, 96.7050, -51.0630

Conversions

Conversions Part 2

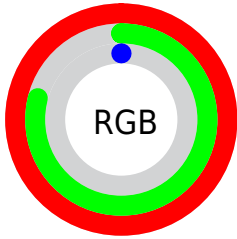
Format	Color
RYB	69, 255, 0
Decimal	16763136
CIELab	83.46, 5.22, 84.71
CIELCh	83, 84.871, 86.474
Yxy	63.0333, 0.4635, 0.4702
Android (android.graphics.Color)	4294953216 (0xFFFFC900)
YUV	194.2320, -95.7564, 53.2935
Hunter-Lab	79.3935, 0.7402, 48.9349

Details

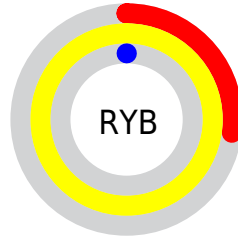
The XYZ color **62.1266, 63.0333, 8.8922** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **19.3700, 9.8598, 95.4890**, and the grayscale version is **51.9285, 54.6329, 59.4952**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **32.5822, 32.5173, 4.5592** is the 20% darker color. If you saturate the color by 10%, you get **62.1267, 63.0340, 8.8924**, and if you desaturate by 10%, it is **63.5901, 65.6710, 10.2738**.

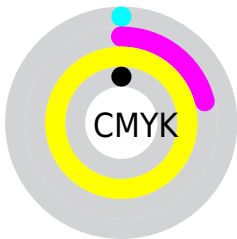
Distribution



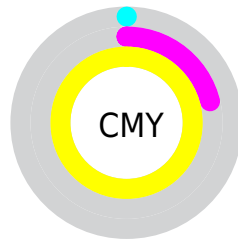
- Red (100%)
- Green (79%)
- Blue (0%)



- Red (27%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1266, 63.0333, 8.8922 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 62.1266, 63.0333, 8.8922 by changing the saturation by 10% instead.


 62.1266, 63.0333,
8.8922

 62.1266, 63.0333,
8.8922


422.1029,
435.6903, 192.7600


 45.3910, 45.8681,
4.5751


 106.9974,
109.2176, 24.2642

 31.9681, 32.1418,
1.9458


 135.8633,
139.0054, 36.1562

 21.4926, 21.4698,
0.5217


 169.5033,
173.7697, 51.4103

 13.5990, 13.4679,
0.0000

 208.2828,
213.8947, 70.4449

 7.9221, 7.7515,
0.0000

 252.5672,
259.7649, 93.6787

 4.0966, 3.9364,
0.0000

 302.7218,

 1.7569, 1.6380,

311.7646, 121.5301

0.0000

359.1119,
370.2783, 154.4177

■ 0.4915, 0.3830,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1266, 63.0333,
8.8922

■ 62.1266, 63.0333,
8.8922

■ 62.1267, 63.0340,
8.8924

■ 63.5901, 65.6710,
10.2738

■ 65.3328, 68.4892,
12.9110

■ 67.4284, 71.5209,
17.1843

■ 69.9215, 74.7845,
23.3260

■ 72.8494, 78.2956,
31.5308

■ 76.2450, 82.0679,
41.9690

■ 80.1375, 86.1140,
54.7932

■ 84.5537, 90.4450,
70.1422

■ 89.5183, 95.0717,
88.1444

Harmonies

Analogous

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



81.7912, 63.0333, 13.9111



62.1266, 63.0333, 8.8922



45.4080, 63.0333, 11.8585

Triad

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



62.1266, 63.0333, 8.8922



33.3713, 63.0333, 124.8198



94.7381, 63.0333, 141.7039

Complementary

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



62.1266, 63.0333, 8.8922



19.3700, 9.8598, 95.4890

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.



77.2142, 63.0333, 206.2313



62.1266, 63.0333, 8.8922



42.3291, 63.0333, 193.4528

Square

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



62.1266, 63.0333, 8.8922



30.9520, 63.0333, 62.5535



57.7492, 63.0333, 228.8614



102.9056, 63.0333, 75.0932

Rectangle

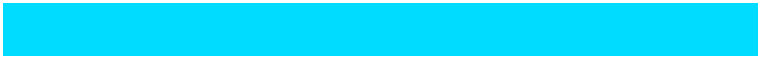
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1266, 63.0333, 8.8922



37.6383, 63.0333, 19.6554



57.7492, 63.0333, 228.8614



89.5906, 63.0333, 165.4515

Sweetspot

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



62.1280, 63.0364, 8.8934



80.1344, 86.1109, 54.7807



41.9359, 21.5387, 5.5953



16.7875, 18.0589, 10.5040



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.



62.1280, 63.0364, 8.8934



62.1273, 63.0346, 8.8924



55.2302, 81.5567, 12.8318



19.2155, 20.3992, 19.0690



32.5756, 33.1623, 4.6841



3.2495, 3.3843, 0.4820

Inverse Universe

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



19.3700, 9.8598, 95.4890



19.3690, 9.8581, 95.4897



20.7425, 8.6084, 95.1752



17.3147, 18.0010, 22.8119



10.2072, 5.3240, 49.9242



1.0687, 0.6681, 4.8859

Previews

White Background



This preview shows how the XYZ color 62.1266, 63.0333, 8.8922 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 62.1266, 63.0333, 8.8922 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 62.1266, 63.0333, 8.8922

Background



This preview shows how black text looks on a background with the XYZ color 62.1266, 63.0333, 8.8922.



This preview shows how white text looks on a background with the XYZ color 62.1266, 63.0333,

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

62.1266, 63.0333, 8.8922

Protanopia

57.1278, 63.2896, 9.5530

Deuteranopia

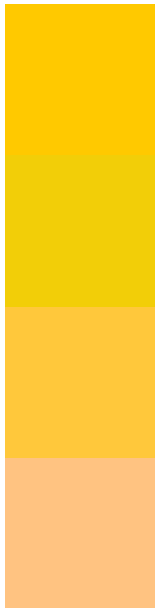
63.6392, 62.8972, 19.1421



Tritanopia

70.6503, 62.8334, 64.9043

Trichromacy



Original Color

62.1266, 63.0333, 8.8922

Protanomaly

58.7331, 63.0374, 9.3016

Deuteranomaly

62.6837, 62.8843, 12.9718

Tritanomaly

64.7176, 61.8752, 29.3010

Monochromacy



Original Color

62.1266, 63.0333, 8.8922

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8603, 55.9615, 26.8072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1266, 63.0333, 8.8922 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(255, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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(255, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 0) }
```

Border

The CSS property to change the border of an element to XYZ 62.1266, 63.0333, 8.8922 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(255, 201, 0) }
```


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

```
.border{ border-color:rgb(255, 201, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1266, 63.0333, 8.8922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 0) }
```

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

```
.background{ background-color: rgb(255,  
201, 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](#).

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