

Converting Colors

XYZ(62.2436, 63.2673, 8.9312)

Have a look what the booklet for
XYZ(62.2436, 63.2673, 8.9312)
contains.

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Color

**XYZ(62.3605, 63.5011,
8.9702)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA00
RGB	255, 202, 0
RGB Percent	100%, 79%, 0%
CMY	0.0000, 0.2078, 0.9999
CMYK	0.00, 0.21, 1.00, 0.00
HSL	48°, 100%, 50%
HSV	48°, 100%, 100%
XYZ	62.3605, 63.5011, 8.9702
YIQ	194.8190, 96.4300, -51.5860

Conversions

Conversions Part 2

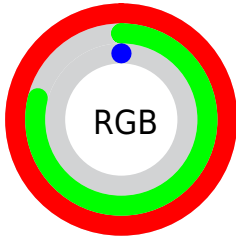
Format	Color
RYB	67, 255, 0
Decimal	16763392
CIELab	83.71, 4.71, 84.88
CIELCh	84, 85.011, 86.826
Yxy	63.5011, 0.4625, 0.4710
Android (android.graphics.Color)	4294953472 (0xFFFFCA00)
YUV	194.8190, -96.0458, 52.7787
Hunter-Lab	79.6876, 0.2341, 49.1072

Details

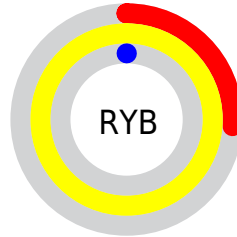
The XYZ color **62.3605, 63.5011, 8.9702** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **19.3240, 9.7678, 95.4737**, and the grayscale version is **52.2810, 55.0037, 59.8990**.

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 **62.3606, 63.5017, 8.9703**, and if you desaturate by 10%, it is **63.8080, 66.1067, 10.3465**.

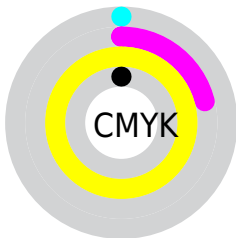
Distribution



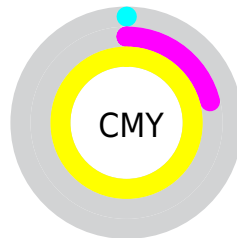
- Red (100%)
- Green (79%)
- Blue (0%)



- Red (26%)
- 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 62.3605, 63.5011, 8.9702 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 62.3605, 63.5011, 8.9702 by changing the saturation by 10% instead.


 62.3605, 63.5011,
8.9702

 62.3605, 63.5011,
8.9702


422.9415,
437.3858, 193.3653

 45.5808, 46.2467,
4.6252


 107.3334,
109.8921, 24.4164

 32.1183, 32.4406,
1.9742


 136.2572,
139.7976, 36.3547

 21.6079, 21.6982,
0.5394

 169.9598,
174.6888, 51.6612

 13.6841, 13.6353,
0.0000

 208.8065,
214.9502, 70.7544

 7.9815, 7.8675,
0.0000

 253.1627,
260.9662, 94.0529

 4.1348, 4.0103,
0.0000

 303.3937,

 1.7787, 1.6793,

313.1212, 121.9752

0.0000

359.8648,
371.7996, 154.9398

■ 0.5048, 0.4102,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3605, 63.5011,
8.9702

■ 62.3605, 63.5011,
8.9702


■ 62.3606, 63.5017,
8.9703


■ 63.8080, 66.1067,
10.3465

■ 65.5331, 68.8898,
12.9779


■ 67.6095, 71.8831,
17.2449


■ 70.0818, 75.1050,
23.3798

 72.9873, 78.5712,
31.5772

 76.3588, 82.2953,
42.0075

 80.2255, 86.2897,
54.8232

 84.6141, 90.5657,
70.1632

 89.5495, 95.1339,
88.1558

Harmonies

Analogous

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



82.1517, 63.5011, 13.9189



62.3605, 63.5011, 8.9702



45.5921, 63.5011, 12.0581

Triad

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



62.3605, 63.5011, 8.9702



33.7038, 63.5011, 126.5333



95.5727, 63.5011, 141.8268

Complementary

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



62.3605, 63.5011, 8.9702



19.3240, 9.7678, 95.4737

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.



78.0055, 63.5011, 207.0163



62.3605, 63.5011, 8.9702



42.8025, 63.5011, 195.4424

Square

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



62.3605, 63.5011, 8.9702



31.1922, 63.5011, 63.6173



58.3947, 63.5011, 230.4553



103.6459, 63.5011, 74.9774

Rectangle

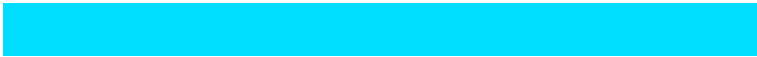
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.3605, 63.5011, 8.9702



37.8222, 63.5011, 20.0269



58.3947, 63.5011, 230.4553



90.4258, 63.5011, 165.7513

Sweetspot

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



62.3619, 63.5042, 8.9714



80.2222, 86.2865, 54.8100



41.9359, 21.5388, 5.5955



16.8086, 18.1012, 10.5110



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.



62.3619, 63.5042, 8.9714



62.3612, 63.5024, 8.9704



55.2303, 81.5568, 12.8318



19.2219, 20.4119, 19.0711



32.6964, 33.4040, 4.7243



3.2603, 3.4059, 0.4856

Inverse Universe

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



19.3240, 9.7678, 95.4737



19.3230, 9.7660, 95.4743



20.7426, 8.6085, 95.1751



17.3088, 17.9893, 22.8099



10.1818, 5.2732, 49.9158



1.0654, 0.6616, 4.8848

Previews

White Background



This preview shows how the XYZ color 62.3605, 63.5011, 8.9702 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 62.3605, 63.5011, 8.9702 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 62.3605, 63.5011, 8.9702

Background



This preview shows how black text looks on a background with the XYZ color 62.3605, 63.5011, 8.9702.



This preview shows how white text looks on a background with the XYZ color 62.3605, 63.5011,

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

62.3605, 63.5011, 8.9702

Protanopia

57.4589, 63.4603, 9.5685

Deuteranopia

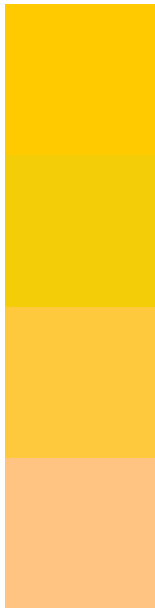
64.0989, 63.4504, 20.4240



Tritanopia

70.9887, 63.3189, 65.6070

Trichromacy



Original Color

62.3605, 63.5011, 8.9702

Protanomaly

59.0773, 63.2148, 9.3177

Deuteranomaly

62.9961, 63.3811, 13.4709

Tritanomaly

65.0092, 62.3516, 29.7278

Monochromacy



Original Color

62.3605, 63.5011, 8.9702

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.4474, 56.5951, 27.2285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3605, 63.5011, 8.9702 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, 202, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 0) }
```

Border

The CSS property to change the border of an element to XYZ 62.3605, 63.5011, 8.9702 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, 202, 0) }
```


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

```
.border{ border-color:rgb(255, 202, 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, 202, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3605, 63.5011, 8.9702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 0) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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