

Converting Colors

XYZ(62.5769, 63.9345, 9.0424)

Have a look what the booklet for
XYZ(62.5769, 63.9345, 9.0424)
contains.

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Color

**XYZ(62.5959, 63.9719,
9.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCB00
RGB	255, 203, 0
RGB Percent	100%, 80%, 0%
CMY	0.0000, 0.2039, 0.9999
CMYK	0.00, 0.20, 1.00, 0.00
HSL	48°, 100%, 50%
HSV	48°, 100%, 100%
XYZ	62.5959, 63.9719, 9.0486
YIQ	195.4060, 96.1550, -52.1090

Conversions

Conversions Part 2

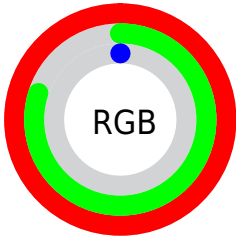
Format	Color
RYB	65, 255, 0
Decimal	16763648
CIELab	83.95, 4.19, 85.05
CIELCh	84, 85.155, 87.178
Yxy	63.9719, 0.4616, 0.4717
Android (android.graphics.Color)	4294953728 (0xFFFFCB00)
YUV	195.4060, -96.3352, 52.2639
Hunter-Lab	79.9824, -0.2715, 49.2801

Details

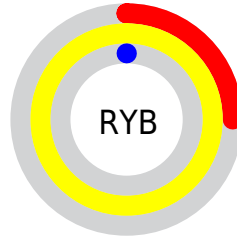
The XYZ color **62.5959, 63.9719, 9.0486** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **19.2788, 9.6774, 95.4586**, and the grayscale version is **52.6345, 55.3756, 60.3041**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **32.7398, 32.8323, 4.6117** is the 20% darker color. If you saturate the color by 10%, you get **62.5961, 63.9728, 9.0488**, and if you desaturate by 10%, it is **64.0271, 66.5449, 10.4194**.

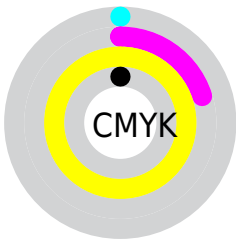
Distribution



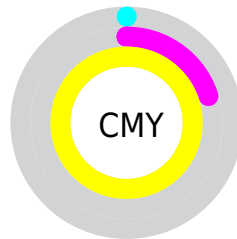
- Red (100%)
- Green (80%)
- Blue (0%)



- 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 62.5959, 63.9719, 9.0486 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 62.5959, 63.9719, 9.0486 by changing the saturation by 10% instead.


 62.5959, 63.9719,
9.0486


 62.5959, 63.9719,
9.0486


423.7844,
439.0882, 193.9714


 45.7718, 46.6279,
4.6756


 107.6714,
110.5705, 24.5691


 32.2696, 32.7416,
2.0029


 136.6535,
140.5938, 36.5538


 21.7241, 21.9286,
0.5570


 170.4190,
175.6125, 51.9128

 13.7698, 13.8044,
0.0000

 209.3332,
216.0107, 71.0646

 8.0413, 7.9848,
0.0000

 253.7615,
262.1730, 94.4279

 4.1734, 4.0852,
0.0000

 304.0692,

 1.8007, 1.7213,

314.4838, 122.4211

0.0000

360.6217,
373.3274, 155.4627

■ 0.5181, 0.4374,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5959, 63.9719,
9.0486

■ 62.5959, 63.9719,
9.0486

■ 62.5961, 63.9728,
9.0488

■ 64.0271, 66.5449,
10.4194

■ 65.7342, 69.2922,
13.0448

■ 67.7912, 72.2466,
17.3051

■ 70.2424, 75.4265,
23.4328

■ 73.1253, 78.8473,
31.6226

■ 76.4724, 82.5229,
42.0446

■ 80.3131, 86.4654,
54.8514

■ 84.6741, 90.6861,
70.1819

■ 89.5802, 95.1956,
88.1646

Harmonies

Analogous

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



82.5146, 63.9719, 13.9268



62.5959, 63.9719, 9.0486



45.7773, 63.9719, 12.2597

Triad

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



62.5959, 63.9719, 9.0486



34.0386, 63.9719, 128.2633



96.4133, 63.9719, 141.9527

Complementary

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



62.5959, 63.9719, 9.0486



19.2788, 9.6774, 95.4586

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.



78.8029, 63.9719, 207.8072



62.5959, 63.9719, 9.0486



43.2796, 63.9719, 197.4481

Square

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



62.5959, 63.9719, 9.0486



31.4339, 63.9719, 64.6932



59.0454, 63.9719, 232.0604



104.3911, 63.9719, 74.8632

Rectangle

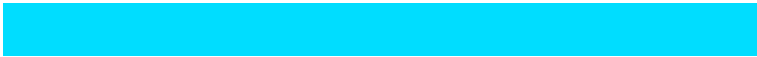
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5959, 63.9719, 9.0486



38.0071, 63.9719, 20.4028



59.0454, 63.9719, 232.0604



91.2672, 63.9719, 166.0549

Sweetspot

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



62.5973, 63.9751, 9.0498



80.3102, 86.4625, 54.8393



41.9359, 21.5387, 5.5953



16.8299, 18.1436, 10.5181



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.



62.5973, 63.9751, 9.0498



62.5967, 63.9734, 9.0489



55.2302, 81.5567, 12.8317



19.2282, 20.4245, 19.0732



32.8180, 33.6473, 4.7649



3.2711, 3.4276, 0.4892

Inverse Universe

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



19.2788, 9.6774, 95.4586



19.2778, 9.6757, 95.4593



20.7424, 8.6084, 95.1752



17.3030, 17.9775, 22.8080



10.1570, 5.2235, 49.9075



1.0622, 0.6552, 4.8837

Previews

White Background



This preview shows how the XYZ color 62.5959, 63.9719, 9.0486 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 62.5959, 63.9719, 9.0486 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 62.5959, 63.9719, 9.0486

Background



This preview shows how black text looks on a background with the XYZ color 62.5959, 63.9719, 9.0486.



This preview shows how white text looks on a background with the XYZ color 62.5959, 63.9719,

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

62.5959, 63.9719, 9.0486

Protanopia

57.7050, 63.9526, 9.6505

Deuteranopia

64.5249, 63.9926, 21.5213



Tritanopia

71.2090, 63.7596, 65.6804

Trichromacy



Original Color

62.5959, 63.9719, 9.0486

Protanomaly

59.3188, 63.6979, 9.3982

Deuteranomaly

63.3147, 63.8827, 13.9946

Tritanomaly

65.2355, 62.8042, 29.8032

Monochromacy



Original Color

62.5959, 63.9719, 9.0486

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 62.5959, 63.9719, 9.0486 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, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 0) }
```

Border

The CSS property to change the border of an element to XYZ 62.5959, 63.9719, 9.0486 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, 203, 0) }
```


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

```
.border{ border-color:rgb(255, 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(255, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5959, 63.9719, 9.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 0) }
```

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

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

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