

Converting Colors

XYZ(61.4898, 64.5082, 9.2105)

Have a look what the booklet for
XYZ(61.4898, 64.5082, 9.2105)
contains.

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Color

**XYZ(61.4956, 64.4666,
9.2021)**

Conversions

Conversions Part 1

Format	Color
Hex	FACE00
RGB	250, 206, 0
RGB Percent	98%, 81%, 0%
CMY	0.0196, 0.1921, 0.9999
CMYK	0.00, 0.18, 1.00, 0.02
HSL	49°, 100%, 49%
HSV	49°, 100%, 98%
XYZ	61.4956, 64.4666, 9.2021
YIQ	195.6720, 92.3500, -54.7380

Conversions

Conversions Part 2

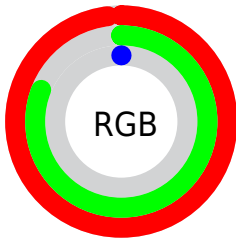
Format	Color
R_{YB}	53, 250, 0
Decimal	16436736
CIE _{Lab}	84.21, 0.52, 85.00
CIE _{LCh}	84, 85.006, 89.649
Yxy	64.4666, 0.4550, 0.4769
Android (android.graphics.Color)	4294626816 (0xFFFACE00)
YUV	195.6720, -96.4663, 47.6457
Hunter-Lab	80.2911, -3.7948, 49.4086

Details

The XYZ color **61.4956, 64.4666, 9.2021** 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 **18.1568, 8.7048, 91.1648**, and the grayscale version is **52.7969, 55.5464, 60.4901**.

A 20% lighter version of the original color is **78.7203, 93.4681, 22.9090**, and **31.9673, 33.1478, 4.7133** is the 20% darker color. If you saturate the color by 10%, you get **61.4959, 64.4676, 9.2023**, and if you desaturate by 10%, it is **62.7468, 66.6882, 10.4861**.

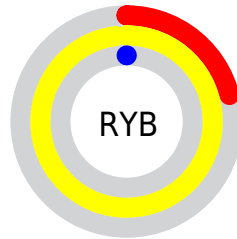
Distribution



Red (98%)

Green (81%)

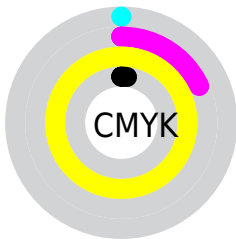
Blue (0%)



Red (21%)

Yellow (98%)

Blue (0%)

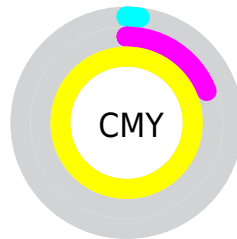


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (19%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4956, 64.4666, 9.2021 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 61.4956, 64.4666, 9.2021 by changing the saturation by 10% instead.


 61.4956, 64.4666,
9.2021

 61.4956, 64.4666,
9.2021


419.8358,
440.8727, 195.1517


 44.8793, 47.0287,
4.7746


 106.0903,
111.2826, 24.8674

 31.5632, 33.0583,
2.0592


 134.7993,
141.4296, 36.9423

 21.1820, 22.1711,
0.5913


 168.2701,
176.5816, 52.4035

 13.3704, 13.9827,
0.0000

 206.8678,
217.1232, 71.6694

 7.7628, 8.1086,
0.0000

 250.9579,
263.4387, 95.1587

 3.9941, 4.1645,
0.0000

 300.9056,

 1.6988, 1.7660,

315.9125, 123.2898

0.0000

357.0765,
374.9291, 156.4813

■ 0.4555, 0.4659,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4956, 64.4666,
9.2021

■ 61.4956, 64.4666,
9.2021

■ 61.4959, 64.4676,
9.2023

■ 62.7468, 66.6882,
10.4861

■ 64.2513, 69.0565,
12.9632

■ 66.0800, 71.6026,
16.9988

■ 68.2751, 74.3438,
22.8140

70.8719, 77.2946,
30.5940

73.9015, 80.4679,
40.5010

77.3917, 83.8750,
52.6801

81.3677, 87.5264,
67.2637

85.8531, 91.4319,
84.3741

Harmonies

Analogous

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



81.4317, 64.4666, 13.3739



61.4956, 64.4666, 9.2021



45.0634, 64.4666, 13.1647

Triad

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



61.4956, 64.4666, 9.2021



34.9043, 64.4666, 134.9319



98.0939, 64.4666, 136.6398

Complementary

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



61.4956, 64.4666, 9.2021



18.1568, 8.7048, 91.1648

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.



80.9683, 64.4666, 204.2243



61.4956, 64.4666, 9.2021



44.7512, 64.4666, 202.9326

Square

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



61.4956, 64.4666, 9.2021



31.7501, 64.4666, 69.5600



61.0521, 64.4666, 233.1315



105.0359, 64.4666, 70.8302

Rectangle

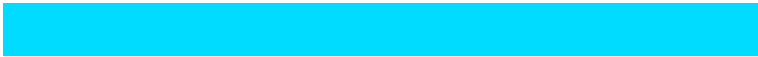
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4956, 64.4666, 9.2021



37.6320, 64.4666, 22.2113



61.0521, 64.4666, 233.1315



93.1851, 64.4666, 160.9149

Sweetspot

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



61.4970, 64.4697, 9.2034



80.9407, 87.7235, 55.0495



39.9145, 20.5204, 4.4267



16.9821, 18.4480, 10.5688



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.



61.4970, 64.4697, 9.2034



64.3171, 67.4142, 9.6224



50.9452, 77.0106, 12.1801



18.4523, 19.6405, 18.2808



32.7152, 34.3871, 4.9131



3.0959, 3.3166, 0.4770

Inverse Universe

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



18.1568, 8.7048, 91.1648



18.9837, 9.0874, 95.3612



20.4951, 8.5727, 91.0161



16.5300, 17.1367, 21.8218



9.7024, 4.7604, 48.3810



0.9648, 0.5732, 4.5030

Previews

White Background



This preview shows how the XYZ color 61.4956, 64.4666, 9.2021 looks on a white background.

Color Contrast Check

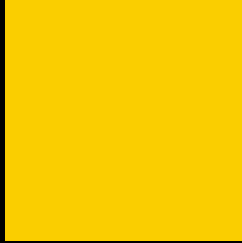
Large Text (above 18pt) WCAG AA × Fail

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 61.4956, 64.4666, 9.2021 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 61.4956, 64.4666, 9.2021

Background



This preview shows how black text looks on a background with the XYZ color 61.4956, 64.4666, 9.2021.



This preview shows how white text looks on a background with the XYZ color 61.4956, 64.4666,

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

61.4956, 64.4666, 9.2021

Protanopia

58.2741, 64.6150, 9.6877

Deuteranopia

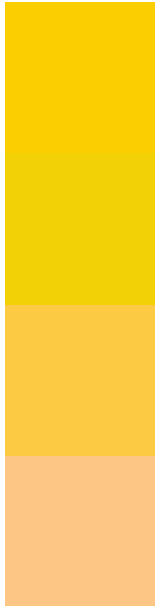
64.9620, 64.5417, 22.6696



Tritanopia

71.7943, 64.3486, 67.6680

Trichromacy



Original Color

61.4956, 64.4666, 9.2021

Protanomaly

59.4513, 64.4913, 9.4869

Deuteranomaly

62.8771, 63.9998, 14.3494

Tritanomaly

64.8670, 62.9368, 30.5589

Monochromacy



Original Color

61.4956, 64.4666, 9.2021

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6749, 57.3882, 27.7028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4956, 64.4666, 9.2021 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(250, 206, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 206, 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(250, 206, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 206, 0) }
```

Border

The CSS property to change the border of an element to XYZ 61.4956, 64.4666, 9.2021 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(250, 206, 0) }
```


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

```
.border{ border-color:rgb(250, 206, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 206, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 206, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 206, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 206,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4956, 64.4666, 9.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 206, 0) }
```

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

```
.background{ background-color: rgb(250,  
206, 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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