

Converting Colors

XYZ(59.6777, 61.1535, 3.1513)

Have a look what the booklet for
XYZ(59.6777, 61.1535, 3.1513)
contains.

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Color

**XYZ(60.9314, 61.7295,
8.7036)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC700
RGB	253, 199, 0
RGB Percent	99%, 78%, 0%
CMY	0.0078, 0.2196, 0.9999
CMYK	0.00, 0.21, 1.00, 0.01
HSL	47°, 100%, 50%
HSV	47°, 100%, 99%
XYZ	60.9314, 61.7295, 8.7036
YIQ	192.4600, 96.0630, -50.4410

Conversions

Conversions Part 2

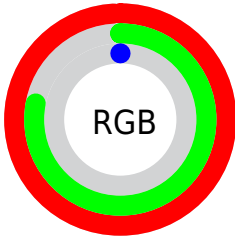
Format	Color
RYB	69, 253, 0
Decimal	16631552
CIELab	82.77, 5.40, 84.14
CIElCh	83, 84.311, 86.330
Yxy	61.7295, 0.4638, 0.4699
Android (android.graphics.Color)	4294821632 (0xFFFD7C00)
YUV	192.4600, -94.8828, 53.0936
Hunter-Lab	78.5681, 0.9367, 48.4297

Details

The XYZ color **60.9314, 61.7295, 8.7036** 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 **19.0497, 9.7319, 93.8020**, and the grayscale version is **50.8741, 53.5236, 58.2871**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **31.7647, 31.6341, 4.4318** is the 20% darker color. If you saturate the color by 10%, you get **60.9314, 61.7300, 8.7037**, and if you desaturate by 10%, it is **62.3763, 64.3334, 10.0682**.

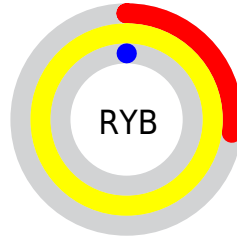
Distribution



Red (99%)

Green (78%)

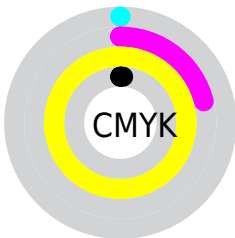
Blue (0%)



Red (27%)

Yellow (99%)

Blue (0%)

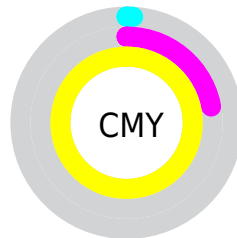


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9314, 61.7295, 8.7036 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 60.9314, 61.7295, 8.7036 by changing the saturation by 10% instead.


 60.9314, 61.7295,
8.7036

 60.9314, 61.7295,
8.7036


417.8024,
430.9437, 191.2870


 44.4221, 44.8142,
4.4542


 105.2783,
107.3345, 23.8952

 31.2018, 31.3111,
1.8777


 133.8466,
136.7929, 35.6745

 20.9052, 20.8358,
0.4785


 167.1653,
171.2012, 50.8008

 13.1668, 13.0041,
0.0000

 205.5998,
210.9437, 69.6927

 7.6213, 7.4313,
0.0000

 249.5154,
256.4048, 92.7688

 3.9033, 3.7333,
0.0000

 299.2774,

 1.6476, 1.5255,

307.9689, 120.4475

0.0000

355.2513,
366.0204, 153.1474

■ 0.4231, 0.3066,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9314, 61.7295,
8.7036

■ 60.9314, 61.7295,
8.7036

■ 60.9314, 61.7300,
8.7037

■ 62.3763, 64.3334,
10.0682

■ 64.0957, 67.1158,
12.6652

■ 66.1625, 70.1091,
16.8691

■ 68.6201, 73.3315,
22.9075

71.5054, 76.7982,
30.9714

74.8503, 80.5227,
41.2279

78.6836, 84.5173,
53.8265

83.0317, 88.7931,
68.9035

87.9189, 93.3605,
86.5848

Harmonies

Analogous

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



80.1967, 61.7295, 13.6613



60.9314, 61.7295, 8.7036



44.5292, 61.7295, 11.5694

Triad

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



60.9314, 61.7295, 8.7036



32.6477, 61.7295, 121.9279



92.7266, 61.7295, 139.1405

Complementary

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



60.9314, 61.7295, 8.7036



19.0497, 9.7319, 93.8020

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.



75.5310, 61.7295, 202.2600



60.9314, 61.7295, 8.7036



41.3909, 61.7295, 189.2325

Square

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



60.9314, 61.7295, 8.7036



30.3076, 61.7295, 61.0239



56.4692, 61.7295, 224.1683



100.7862, 61.7295, 73.8068

Rectangle

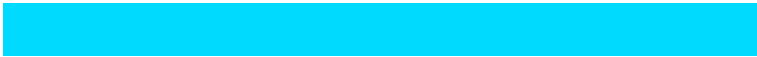
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.9314, 61.7295, 8.7036



36.8975, 61.7295, 19.1604



56.4692, 61.7295, 224.1683



87.6702, 61.7295, 162.3964

Sweetspot

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



60.9328, 61.7325, 8.7048



80.0969, 86.0360, 54.7682



41.1936, 21.1573, 5.5065



16.7784, 18.0408, 10.5010



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.



60.9328, 61.7325, 8.7048



62.0278, 62.8357, 8.8593



54.2570, 80.1128, 12.6044



19.2128, 20.3939, 19.0681



32.5241, 33.0595, 4.6669



3.2449, 3.3752, 0.4804

Inverse Universe

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



19.0497, 9.7319, 93.8020



19.3890, 9.8980, 95.4963



20.3800, 8.4586, 93.4861



17.3172, 18.0060, 22.8127



10.2182, 5.3459, 49.9279



1.0701, 0.6709, 4.8864

Previews

White Background



This preview shows how the XYZ color 60.9314, 61.7295, 8.7036 looks on a white background.

Color Contrast Check

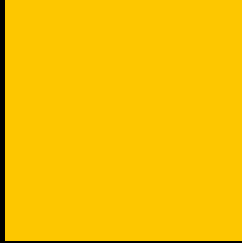
Large Text (above 18pt) WCAG AA × Fail

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 60.9314, 61.7295, 8.7036 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 60.9314, 61.7295, 8.7036

Background



This preview shows how black text looks on a background with the XYZ color 60.9314, 61.7295, 8.7036.



This preview shows how white text looks on a background with the XYZ color 60.9314, 61.7295,

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

60.9314, 61.7295, 8.7036

Protanopia

55.9835, 61.9758, 9.3597

Deuteranopia

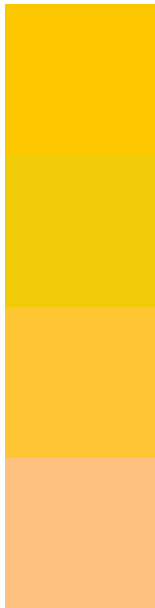
62.6542, 61.7717, 16.2103



Tritanopia

69.8629, 61.8253, 62.8949

Trichromacy



Original Color

60.9314, 61.7295, 8.7036

Protanomaly

57.5719, 61.7285, 9.1102

Deuteranomaly

61.6647, 61.6980, 11.7908

Tritanomaly

63.7738, 60.7431, 28.4420

Monochromacy



Original Color

60.9314, 61.7295, 8.7036

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7595, 54.7315, 26.3013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9314, 61.7295, 8.7036 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(253, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(253, 199, 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(253, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 199, 0) }
```

Border

The CSS property to change the border of an element to XYZ 60.9314, 61.7295, 8.7036 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(253, 199, 0) }
```


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

```
.border{ border-color:rgb(253, 199, 0) }
```

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

Here you see how a box with a 4 pixel rgb(253, 199, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(253, 199,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9314, 61.7295, 8.7036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 199, 0) }
```

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

```
.background{ background-color: rgb(253,  
199, 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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