

Converting Colors

XYZ(59.4748, 61.8248, 8.7987)

Have a look what the booklet for
XYZ(59.4748, 61.8248, 8.7987)
contains.

XYZ(59.2444, 61.5474, 8.7573)	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(59.2444, 61.5474,
8.7573)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C900
RGB	247, 201, 0
RGB Percent	97%, 79%, 0%
CMY	0.0314, 0.2117, 0.9999
CMYK	0.00, 0.19, 1.00, 0.03
HSL	49°, 100%, 48%
HSV	49°, 100%, 97%
XYZ	59.2444, 61.5474, 8.7573
YIQ	191.8400, 91.9370, -52.7590

Conversions

Conversions Part 2

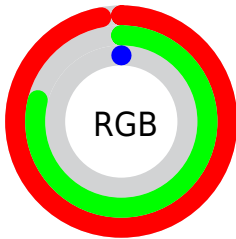
Format	Color
RYB	57, 247, 0
Decimal	16238848
CIELab	82.67, 1.80, 83.79
CIELCh	83, 83.813, 88.770
Yxy	61.5474, 0.4573, 0.4751
Android (android.graphics.Color)	4294428928 (0xFFFF7C900)
YUV	191.8400, -94.5771, 48.3753
Hunter-Lab	78.4522, -2.4941, 48.2982

Details

The XYZ color **59.2444, 61.5474, 8.7573** 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 **17.7663, 8.6707, 88.7322**, and the grayscale version is **50.5096, 53.1400, 57.8695**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **30.5975, 31.4941, 4.4663** is the 20% darker color. If you saturate the color by 10%, you get **59.2446, 61.5483, 8.7575**, and if you desaturate by 10%, it is **60.5066, 63.7963, 10.0290**.

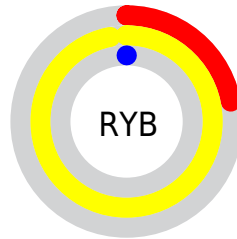
Distribution



Red (97%)

Green (79%)

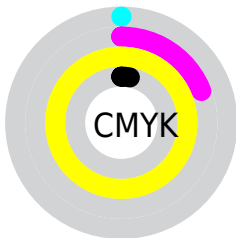
Blue (0%)



Red (22%)

Yellow (97%)

Blue (0%)

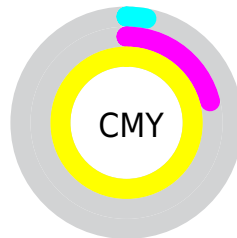


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2444, 61.5474, 8.7573 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 59.2444, 61.5474, 8.7573 by changing the saturation by 10% instead.


 59.2444, 61.5474,
8.7573


 59.2444, 61.5474,
8.7573


411.6865,
430.2782, 191.7078

 43.0570, 44.6671,
4.4886


 102.8454,
107.0711, 24.0004


 30.1246, 31.1953,
1.8970


 130.9897,
136.4833, 35.8119

 20.0817, 20.7476,
0.4908


 163.8504,
170.8416, 50.9748

 12.5631, 12.9396,
0.0000

 201.7928,
210.5304, 69.9075

 7.2033, 7.3870,
0.0000

 245.1822,
255.9341, 93.0286

 3.6370, 3.7053,
0.0000

 294.3841,

 1.4989, 1.5101,

307.4370, 120.7566

0.0000

349.7637,
365.4236, 153.5102

■ 0.3251, 0.2958,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2444, 61.5474,
8.7573

■ 59.2444, 61.5474,
8.7573

■ 59.2446, 61.5483,
8.7575

■ 60.5066, 63.7963,
10.0290

■ 62.0183, 66.1943,
12.4608

■ 63.8486, 68.7720,
16.4095

■ 66.0385, 71.5463,
22.0893

■ 68.6225, 74.5312,
29.6802

■ 71.6305, 77.7393,
39.3394

■ 75.0896, 81.1818,
51.2080

■ 79.0246, 84.8689,
65.4145

■ 83.4580, 88.8102,
82.0775

Harmonies

Analogous

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



78.3241, 61.5474, 12.9899



59.2444, 61.5474, 8.7573



43.3827, 61.5474, 12.2908

Triad

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



59.2444, 61.5474, 8.7573



33.1192, 61.5474, 126.8815



93.3344, 61.5474, 132.6007

Complementary

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



59.2444, 61.5474, 8.7573



17.7663, 8.6707, 88.7322

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.



76.7726, 61.5474, 196.7225



59.2444, 61.5474, 8.7573



42.3378, 61.5474, 192.3962

Square

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



59.2444, 61.5474, 8.7573



30.2878, 61.5474, 64.9112



57.7598, 61.5474, 222.8176



100.3342, 61.5474, 69.1631

Rectangle

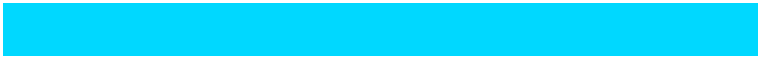
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.2444, 61.5474, 8.7573



36.1538, 61.5474, 20.6376



57.7598, 61.5474, 222.8176



88.5536, 61.5474, 155.7839

Sweetspot

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



59.2458, 61.5504, 8.7585



80.7087, 87.2595, 54.9721



38.9210, 19.9998, 4.7612



16.9260, 18.3360, 10.5502



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.



59.2458, 61.5504, 8.7585



63.6774, 66.1347, 9.4091



50.4735, 75.3946, 11.8931



17.6370, 18.7581, 17.4887



31.4309, 32.7474, 4.6643



2.8288, 3.0109, 0.4321

Inverse Universe

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



17.7663, 8.6707, 88.7322



19.0861, 9.2922, 95.3954



19.6216, 8.1763, 88.5390



15.8308, 16.4259, 20.8787



9.4701, 4.7340, 46.9527



0.8991, 0.5497, 4.1489

Previews

White Background



This preview shows how the XYZ color 59.2444, 61.5474, 8.7573 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 59.2444, 61.5474, 8.7573 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 59.2444, 61.5474, 8.7573

Background



This preview shows how black text looks on a background with the XYZ color 59.2444, 61.5474, 8.7573.



This preview shows how white text looks on a background with the XYZ color 59.2444, 61.5474,

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

59.2444, 61.5474, 8.7573

Protanopia

55.6463, 61.8034, 9.2835

Deuteranopia

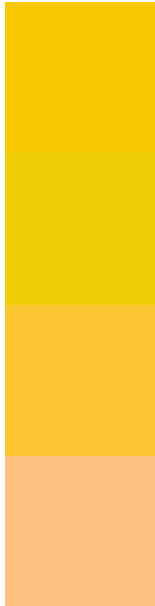
62.5814, 61.7426, 15.8268



Tritanopia

69.7658, 61.4435, 63.4411

Trichromacy



Original Color

59.2444, 61.5474, 8.7573

Protanomaly

56.7892, 61.6803, 9.0847

Deuteranomaly

60.9147, 61.3139, 11.6418

Tritanomaly

63.1111, 60.3939, 28.7529

Monochromacy



Original Color

59.2444, 61.5474, 8.7573

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1793, 54.4324, 26.2741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2444, 61.5474, 8.7573 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(247, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 0) }
```

Border

The CSS property to change the border of an element to XYZ 59.2444, 61.5474, 8.7573 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(247, 201, 0) }
```


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

```
.border{ border-color:rgb(247, 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(247, 201, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2444, 61.5474, 8.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 0) }
```

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

```
.background{ background-color: rgb(247,  
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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