

Converting Colors

XYZ(60.9529, 60.3693, 9.4768)

Have a look what the booklet for
XYZ(60.9529, 60.3693, 9.4768)
contains.

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Color

**XYZ(60.9529, 60.3693,
9.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC31B
RGB	255, 195, 27
RGB Percent	100%, 76%, 11%
CMY	0.0000, 0.2353, 0.8941
CMYK	0.00, 0.24, 0.89, 0.00
HSL	44°, 100%, 55%
HSV	44°, 89%, 100%
XYZ	60.9529, 60.3693, 9.4768
YIQ	193.7880, 89.6880, -39.5280

Conversions

Conversions Part 2

Format	Color
RYB	108, 255, 27
Decimal	16761627
CIELab	82.04, 8.60, 80.40
CIElCh	82, 80.857, 83.897
Yxy	60.3693, 0.4660, 0.4615
Android (android.graphics.Color)	4294951707 (0xFFFFC31B)
YUV	193.7880, -82.2265, 53.6829
Hunter-Lab	77.6977, 4.0602, 47.1568

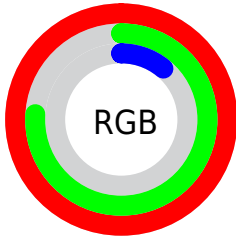
Details

The XYZ color **60.9529, 60.3693, 9.4768** is a light color, and the websafe version is hex **FFCC33**.

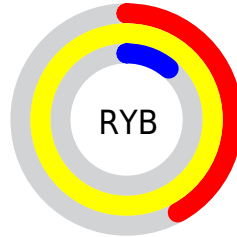
The color can be described as light washed yellow. A complement of this color would be **21.9106, 14.2700, 96.2065**, and the grayscale version is **51.5887, 54.2753, 59.1058**.

A 20% lighter version of the original color is **77.7576, 91.0625, 24.0682**, and **31.6653, 30.6835, 4.2536** is the 20% darker color. If you saturate the color by 10%, you get **59.2946, 57.3566, 7.9892**, and if you desaturate by 10%, it is **62.9252, 63.6207, 12.2730**.

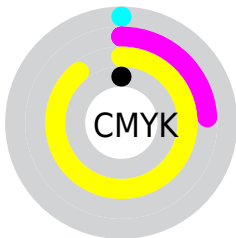
Distribution



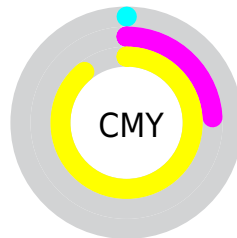
- Red (100%)
- Green (76%)
- Blue (11%)



- Red (42%)
- Yellow (100%)
- Blue (11%)



- Cyan (0%)
- Magenta (24%)
- Yellow (89%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9529, 60.3693, 9.4768 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 60.9529, 60.3693, 9.4768 by changing the saturation by 10% instead.


 60.9529, 60.3693,
9.4768

 60.9529, 60.3693,
9.4768


417.8800,
425.9577, 197.2432


 44.4396, 43.7164,
4.9524


 105.3092,
105.3652, 25.3989

 31.2156, 30.4476,
2.1611


 133.8829,
134.4770, 37.6337

 20.9157, 20.1786,
0.6518


 167.2075,
168.5104, 53.2757

 13.1745, 12.5249,
0.0000

 205.6482,
207.8501, 72.7435

 7.6267, 7.1022,
0.0000

 249.5704,
252.8802, 96.4556

 3.9068, 3.5261,
0.0000

 299.3396,

 1.6495, 1.4122,

303.9852, 124.8306

0.0000

355.3210,
361.5496, 158.2869

■ 0.4244, 0.2257,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9529, 60.3693,
9.4768

■ 60.9529, 60.3693,
9.4768

■ 59.2946, 57.3566,
7.9892

■ 62.9252, 63.6207,
12.2730

■ 59.2014, 57.1832,
7.9172

■ 65.2753, 67.1302,
16.7268

■ 68.0488, 70.9200,
23.0691

■ 71.2834, 75.0063,
31.4932

■ 75.0118, 79.4036,
42.1682

■ 79.2637, 84.1251,
55.2457

■ 84.0660, 89.1827,
70.8644

■ 89.4438, 94.5878,
89.1520

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



79.0576, 60.3693, 15.1791



60.9529, 60.3693, 9.4768



45.0443, 60.3693, 11.7084

Triad

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



60.9529, 60.3693, 9.4768



32.2265, 60.3693, 111.8261



88.3168, 60.3693, 138.4538

Complementary

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



60.9529, 60.3693, 9.4768



21.9106, 14.2700, 96.2065

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.



71.7825, 60.3693, 195.1918



60.9529, 60.3693, 9.4768



40.0772, 60.3693, 175.1959

Square

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



60.9529, 60.3693, 9.4768



30.4647, 60.3693, 56.2040



53.9480, 60.3693, 211.2120



96.7556, 60.3693, 76.2800

Rectangle

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



60.9529, 60.3693, 9.4768



37.4378, 60.3693, 18.4970



53.9480, 60.3693, 211.2120



83.3801, 60.3693, 159.8269

Sweetspot

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



60.9543, 60.3723, 9.4780



80.3692, 85.3122, 58.7690



43.3853, 22.7456, 11.2945



16.8689, 17.9014, 11.5189



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.



60.9543, 60.3723, 9.4780



59.2019, 57.1837, 7.9173



60.2612, 84.1275, 14.0997



19.1330, 20.2342, 19.0415



31.0626, 30.1364, 4.1797



3.1136, 3.1127, 0.4367

Inverse Universe

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



21.9106, 14.2700, 96.2065



20.0631, 11.2462, 95.7210



21.7679, 9.7189, 95.3356



17.3916, 18.1549, 22.8376



10.5861, 6.0817, 50.0505



1.1153, 0.7613, 4.9014

Previews

White Background



This preview shows how the XYZ color 60.9529, 60.3693, 9.4768 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 60.9529, 60.3693, 9.4768 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 60.9529, 60.3693, 9.4768

Background



This preview shows how black text looks on a background with the XYZ color 60.9529, 60.3693, 9.4768.



This preview shows how white text looks on a background with the XYZ color 60.9529, 60.3693,

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

60.9529, 60.3693, 9.4768

Protanopia

54.6988, 60.5794, 10.0383

Deuteranopia

61.4290, 60.2025, 13.0852



Tritanopia

68.8769, 60.4090, 60.8532

Trichromacy



Original Color

60.9529, 60.3693, 9.4768

Protanomaly

56.7050, 60.2127, 9.7959

Deuteranomaly

61.1075, 60.0739, 11.3923

Tritanomaly

63.8108, 59.4045, 31.0247

Monochromacy



Original Color

60.9529, 60.3693, 9.4768

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8443, 54.8760, 30.0499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9529, 60.3693, 9.4768 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, 195, 27)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 27)  
}
```

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, 195, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 27) }
```

Border

The CSS property to change the border of an element to XYZ 60.9529, 60.3693, 9.4768 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, 195, 27) }
```


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

```
.border{ border-color:rgb(255, 195, 27) }
```

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

Here you see how a box with a 4 pixel rgb(255, 195, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9529, 60.3693, 9.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 27) }
```

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

```
.background{ background-color: rgb(255,  
195, 27) }
```

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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