

# Converting Colors

XYZ(60.5257, 59.1337, 10.5094)

Have a look what the booklet for  
XYZ(60.5257, 59.1337, 10.5094)  
contains.

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# **Color**

**XYZ(60.5257, 59.1337,  
10.5094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC02B
RGB	255, 192, 43
RGB Percent	100%, 75%, 17%
CMY	0.0000, 0.2470, 0.8313
CMYK	0.00, 0.25, 0.83, 0.00
HSL	42°, 100%, 58%
HSV	42°, 83%, 100%
XYZ	60.5257, 59.1337, 10.5094
YIQ	193.8510, 85.3770, -32.9830

# Conversions

## Conversions Part 2

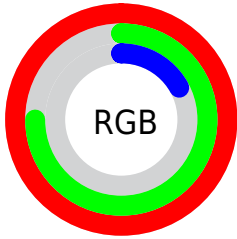
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 255, 43
Decimal	16760875
CIE <sub>Lab</sub>	81.37, 10.49, 76.13
CIE <sub>LCh</sub>	81, 76.848, 82.154
Yxy	59.1337, 0.4650, 0.4543
Android (android.graphics.Color)	4294950955 (0xFFFFC02B)
YUV	193.8510, -74.3695, 53.6277
Hunter-Lab	76.8984, 5.9226, 45.7260

# Details

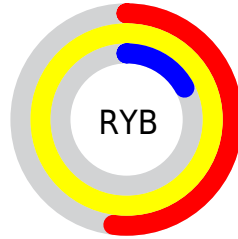
The XYZ color **60.5257, 59.1337, 10.5094** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **24.2003, 18.0415, 96.8139**, and the grayscale version is **51.5825, 54.2688, 59.0987**.

A 20% lighter version of the original color is **77.2556, 89.3741, 26.0111**, and **31.2249, 29.8027, 4.1068** is the 20% darker color. If you saturate the color by 10%, you get **58.5748, 55.7617, 8.2272**, and if you desaturate by 10%, it is **62.8567, 62.7996, 14.3589**.

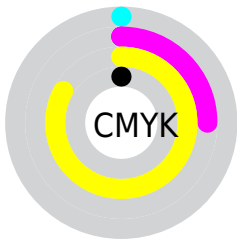
# Distribution



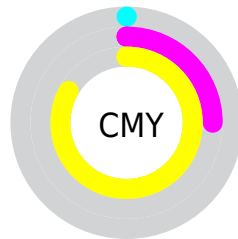
- Red (100%)
- Green (75%)
- Blue (17%)



- Red (52%)
- Yellow (100%)
- Blue (17%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5257, 59.1337, 10.5094 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 60.5257, 59.1337, 10.5094 by changing the saturation by 10% instead.





 60.5257, 59.1337,  
10.5094


 60.5257, 59.1337,  
10.5094


416.3365,  
421.3972, 204.8852


 44.0936, 42.7208,  
5.6280


 104.6939,  
103.5720, 27.3720


 30.9423, 29.6661,  
2.5551


 133.1607,  
132.3661, 40.1902


 20.7065, 19.5853,  
0.8692


 166.3697,  
166.0560, 56.4912

 13.0209, 12.0939,  
0.0000

 204.6864,  
205.0262, 76.6933

 7.5200, 6.8077,  
0.0000

 248.4761,  
249.6610, 101.2153

 3.8386, 3.3421,  
0.0000

 298.1041,

 1.6112, 1.3128,

300.3449, 130.4756

0.0000

353.9358,  
357.4621, 164.8927

■ 0.3997, 0.1511,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.5257, 59.1337,  
10.5094

■ 60.5257, 59.1337,  
10.5094

■ 58.5748, 55.7617,  
8.2272


■ 62.8567, 62.7996,  
14.3589


■ 57.4055, 53.5914,  
7.3186


■ 65.6123, 66.7719,  
20.0213


■ 68.8338, 71.0717,  
27.7029

■ 72.5562, 75.7147,  
37.5809

 76.8103, 80.7152,  
49.8131

 81.6246, 86.0864,  
64.5425

 87.0250, 91.8405,  
81.9010

 93.0358, 97.9890,  
102.0108

 95.0497, 99.9998,  
108.9000

# Harmonies

## Analogous

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



77.3559, 59.1337, 16.7607



60.5257, 59.1337, 10.5094



45.3471, 59.1337, 12.3056

# Triad

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



60.5257, 59.1337, 10.5094



32.1845, 59.1337, 103.8192



84.2814, 59.1337, 135.3023

# Complementary

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



60.5257, 59.1337, 10.5094



24.2003, 18.0415, 96.8139

# 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.



68.6704, 59.1337, 185.9129



60.5257, 59.1337, 10.5094



39.3101, 59.1337, 162.4956

# Square

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



60.5257, 59.1337, 10.5094



30.8313, 59.1337, 53.0546



52.0946, 59.1337, 197.7132



92.6749, 59.1337, 77.2270



# Rectangle

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



60.5257, 59.1337, 10.5094



37.9256, 59.1337, 18.5639



52.0946, 59.1337, 197.7132



79.5769, 59.1337, 154.7026

# Sweetspot

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



60.5270, 59.1366, 10.5105



80.6834, 85.0564, 61.5996



44.7369, 24.0413, 16.0836



16.9016, 17.7977, 12.0508



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.



60.5270, 59.1366, 10.5105



57.4059, 53.5918, 7.3186



63.5208, 85.7804, 15.4955



19.0787, 20.1256, 19.0234



30.1322, 28.2757, 3.8696



3.0292, 2.9437, 0.4085



# Inverse Universe

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



24.2003, 18.0415, 96.8139



20.6187, 12.3575, 95.9062



22.6972, 10.8985, 95.5144



17.4429, 18.2574, 22.8546



10.8862, 6.6820, 50.1506



1.1502, 0.8311, 4.9131



# Previews

## White Background



This preview shows how the XYZ color 60.5257, 59.1337, 10.5094 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 60.5257, 59.1337, 10.5094 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 60.5257, 59.1337, 10.5094

## Background



This preview shows how black text looks on a background with the XYZ color 60.5257, 59.1337, 10.5094.



This preview shows how white text looks on a background with the XYZ color 60.5257, 59.1337,



# 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

60.5257, 59.1337, 10.5094

### Protanopia

53.8440, 59.4031, 11.2128

### Deuteranopia

60.5257, 59.1337, 10.5094



## Tritanopia

67.9111, 59.0220, 58.8520

# Trichromacy



## Original Color

60.5257, 59.1337, 10.5094

## Protanomaly

56.1570, 59.2135, 10.9522

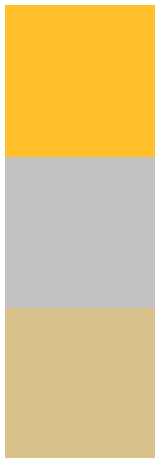
## Deuteranomaly

60.5257, 59.1337, 10.5094

## Tritanomaly

63.4591, 58.2419, 32.3232

# Monochromacy



## Original Color

60.5257, 59.1337, 10.5094

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

52.0491, 54.6029, 32.2222

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5257, 59.1337, 10.5094 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, 192, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 43)  
}
```

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, 192, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 43) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5257, 59.1337, 10.5094 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, 192, 43) }
```



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

```
.border{ border-color:rgb(255, 192, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
43) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5257, 59.1337, 10.5094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 43) }
```

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

```
.background{ background-color: rgb(255,  
192, 43) }
```

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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