

Converting Colors

XYZ(50.5665, 59.2102, 21.1989)

Have a look what the booklet for
XYZ(50.5665, 59.2102, 21.1989)
contains.

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Color

**XYZ(50.6370, 59.3167,
21.0923)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD065
RGB	207, 208, 101
RGB Percent	81%, 82%, 40%
CMY	0.1882, 0.1843, 0.6039
CMYK	0.00, 0.00, 0.51, 0.18
HSL	61°, 53%, 61%
HSV	61°, 51%, 82%
XYZ	50.6370, 59.3167, 21.0923
YIQ	195.5030, 33.7510, -33.4890

Conversions

Conversions Part 2

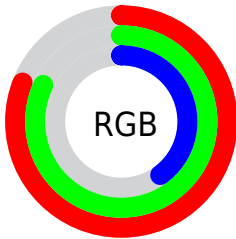
Format	Color
RYB	101, 208, 102
Decimal	13619301
CIELab	81.47, -14.78, 52.32
CIELCh	81, 54.367, 105.769
Yxy	59.3167, 0.3864, 0.4526
Android (android.graphics.Color)	4291809381 (0xFFCFD065)
YUV	195.5030, -46.5900, 10.0829
Hunter-Lab	77.0173, -17.4210, 37.6747

Details

The XYZ color **50.6370, 59.3167, 21.0923** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.5202, 16.6875, 61.7648**, and the grayscale version is **52.4288, 55.1592, 60.0684**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **24.6877, 29.8170, 7.3598** is the 20% darker color. If you saturate the color by 10%, you get **49.6902, 58.9338, 16.3851**, and if you desaturate by 10%, it is **51.8446, 59.8082, 27.1602**.

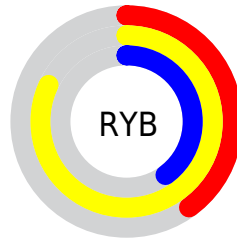
Distribution



Red (81%)

Green (82%)

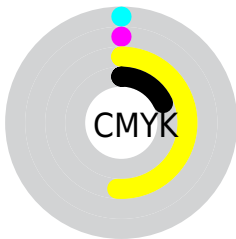
Blue (40%)



Red (40%)

Yellow (82%)

Blue (40%)

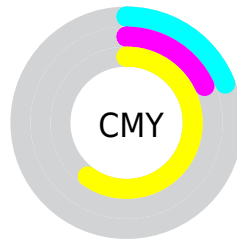


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (18%)



Cyan (19%)


Magenta (18%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6370, 59.3167, 21.0923 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 50.6370, 59.3167, 21.0923 by changing the saturation by 10% instead.


 50.6370, 59.3167,
21.0923


 50.6370, 59.3167,
21.0923


379.5627,
422.0745, 270.5658

 36.1397, 42.8681,
12.9996


 90.3042, 103.8378,
46.1239


 24.7127, 29.7817,
7.2975


 116.2047,
132.6791, 63.8998

 15.9907, 19.6729,
3.5676

 146.6370,
166.4201, 85.7406

 9.6084, 12.1575,
1.3913

 181.9665,
205.4453, 112.0647

 5.2004, 6.8510,
0.1349

222.5584,
250.1389, 143.2908

 2.4013, 3.3691,
0.0000

268.7782,

 0.8457, 1.3273,

300.8853, 179.8373

0.0000

320.9912,
358.0691, 222.1227

■ 0.0000, 0.1622,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.6370, 59.3167,
21.0923

■ 50.6370, 59.3167,
21.0923

■ 49.6902, 58.9338,
16.3851

■ 51.8446, 59.8082,
27.1602

■ 48.9801, 58.6435,
12.9303


■ 53.3266, 60.4073,
34.6788

■ 48.4854, 58.4393,
10.6095


■ 55.1006, 61.1233,
43.7345


■ 48.1790, 58.3105,
9.2795


■ 57.1815, 61.9620,
54.4063

 48.0249, 58.2435,
8.7109

 59.5833, 62.9290,
66.7673

 62.3191, 64.0297,
80.8865

 65.4011, 65.2689,
96.8289

 66.7784, 65.8261,
103.7939

 66.8336, 65.8546,
103.7964

Harmonies

Analogous

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



61.9325, 59.3167, 20.8863



50.6370, 59.3167, 21.0923



42.1043, 59.3167, 29.9848

Triad

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



50.6370, 59.3167, 21.0923



42.4474, 59.3167, 120.7206



80.3682, 59.3167, 81.2539

Complementary

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



50.6370, 59.3167, 21.0923



21.5202, 16.6875, 61.7648

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.



73.5619, 59.3167, 118.9233



50.6370, 59.3167, 21.0923



51.1674, 59.3167, 146.3962

Square

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



50.6370, 59.3167, 21.0923



37.8287, 59.3167, 83.1636



62.5389, 59.3167, 145.6457



80.1756, 59.3167, 49.0037

Rectangle

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



50.6370, 59.3167, 21.0923



38.6816, 59.3167, 42.1234



62.5389, 59.3167, 145.6457



78.7869, 59.3167, 93.8803

Sweetspot

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



50.6384, 59.3194, 21.0935



89.3598, 97.7086, 79.6252



33.0170, 23.6582, 15.1390



18.9756, 20.8528, 16.2685



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.



50.6384, 59.3194, 21.0935



78.6086, 93.3605, 25.1621



38.3289, 52.9736, 20.5175



12.7920, 13.7917, 12.5999



29.9350, 36.3010, 5.4291



1.6774, 2.0316, 0.3037

Inverse Universe

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



21.5202, 16.6875, 61.7648



27.3942, 18.3691, 96.7095



29.4624, 20.7819, 62.1365



11.1738, 11.4229, 14.8596



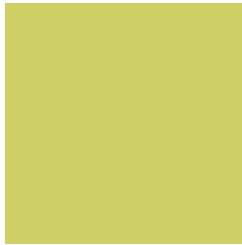
7.1157, 2.8486, 37.3673



0.4016, 0.1612, 2.0895

Previews

White Background



This preview shows how the XYZ color 50.6370, 59.3167, 21.0923 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 50.6370, 59.3167, 21.0923 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 50.6370, 59.3167, 21.0923

Background



This preview shows how black text looks on a background with the XYZ color 50.6370, 59.3167, 21.0923.



This preview shows how white text looks on a background with the XYZ color 50.6370, 59.3167,

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

50.6370, 59.3167, 21.0923

Protanopia

54.1131, 58.9892, 20.3384

Deuteranopia

60.3312, 59.1163, 21.5954



Tritanopia

60.4112, 59.0884, 69.8492

Trichromacy



Original Color

50.6370, 59.3167, 21.0923

Protanomaly

52.8066, 59.0113, 20.6637

Deuteranomaly

56.2970, 58.7113, 21.4619

Tritanomaly

55.7365, 58.5450, 46.8908

Monochromacy



Original Color

50.6370, 59.3167, 21.0923

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.9067, 56.1611, 41.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6370, 59.3167, 21.0923 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(207, 208, 101)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 101)  
}
```

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(207, 208, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 101) }
```

Border

The CSS property to change the border of an element to XYZ 50.6370, 59.3167, 21.0923 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(207, 208, 101) }
```


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

```
.border{ border-color:rgb(207, 208, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 101);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6370, 59.3167, 21.0923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 101) }
```

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

```
.background{ background-color: rgb(207,  
208, 101) }
```

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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