

Converting Colors

XYZ(52.5669, 61.9339, 31.1281)

Have a look what the booklet for
XYZ(52.5669, 61.9339, 31.1281)
contains.

XYZ(52.5877, 61.9510, 31.0159)	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(52.5877, 61.9510,
31.0159)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD584
RGB	203, 213, 132
RGB Percent	80%, 84%, 52%
CMY	0.2039, 0.1647, 0.4823
CMYK	0.05, 0.00, 0.38, 0.16
HSL	67°, 49%, 68%
HSV	67°, 38%, 84%
XYZ	52.5877, 61.9510, 31.0159
YIQ	200.7760, 20.0410, -27.3110

Conversions

Conversions Part 2

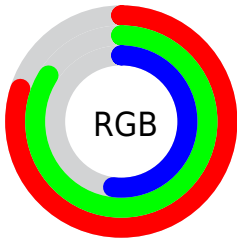
Format	Color
RYB	132, 213, 142
Decimal	13358468
CIELab	82.89, -15.76, 38.90
CIELCh	83, 41.974, 112.061
Yxy	61.9510, 0.3613, 0.4256
Android (android.graphics.Color)	4291548548 (0xFFCBD584)
YUV	200.7760, -33.9066, 1.9504
Hunter-Lab	78.7090, -18.4797, 31.7326

Details

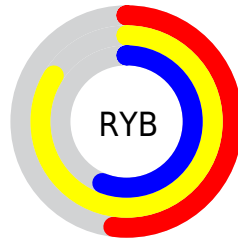
The XYZ color **52.5877, 61.9510, 31.0159** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.4193, 27.0591, 66.5214**, and the grayscale version is **55.5746, 58.4688, 63.6725**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **25.9248, 31.3437, 12.4681** is the 20% darker color. If you saturate the color by 10%, you get **50.5665, 61.0626, 24.0741**, and if you desaturate by 10%, it is **54.9217, 62.9703, 39.5282**.

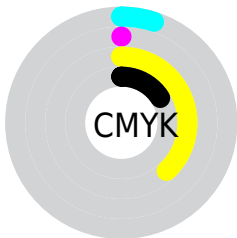
Distribution



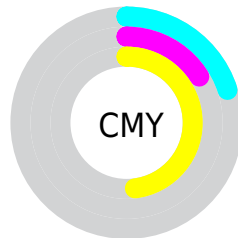
- Red (80%)
- Green (84%)
- Blue (52%)



- Red (52%)
- Yellow (84%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5877, 61.9510, 31.0159 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 52.5877, 61.9510, 31.0159 by changing the saturation by 10% instead.

■ 52.5877, 61.9510,
31.0159

■ 52.5877, 61.9510,
31.0159

386.9881,
431.7523, 320.9650

■ 37.6999, 44.9931,
20.3524

■ 93.1665, 107.6547,
62.3450

■ 25.9260, 31.4520,
12.4648

■ 119.5882,
137.1693, 83.8476

■ 16.9007, 20.9433,
6.9347

■ 150.5853,
171.6383, 109.8004

■ 10.2586, 13.0825,
3.3435

186.5230,
211.4460, 140.6218

■ 5.6343, 7.4854,
1.2726

227.7668,
256.9769, 176.7305

■ 2.6626, 3.7675,
0.0392

274.6820,

■ 0.9779, 1.5444,

308.6153, 218.5449

0.0000

327.6340,
366.7456, 266.4835

■ 0.0000, 0.3196,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5877, 61.9510,
31.0159

■ 52.5877, 61.9510,
31.0159

■ 50.5665, 61.0626,
24.0741

■ 54.9217, 62.9703,
39.5282

■ 48.8353, 60.2895,
18.6029

■ 57.5808, 64.1188,
49.6949

■ 47.3753, 59.6262,
14.4970

■ 60.5819, 65.4055,
61.5989

■ 46.1636, 59.0636,
11.6356

■ 63.9396, 66.8364,
75.3160

■ 45.1729, 58.5908,
9.8765

■ 67.6674, 68.4167,
90.9179

■ 44.3644, 58.1922,
9.0146

■ 70.9948, 69.8382,
104.3460

■ 44.2145, 58.1176,
8.8875

■ 71.7917, 70.2491,
104.3833

■ 72.6012, 70.6663,
104.4212

■ 73.4232, 71.0901,
104.4597

Harmonies

Analogous

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



61.3181, 61.9510, 29.1655



52.5877, 61.9510, 31.0159



46.2013, 61.9510, 41.2264

Triad

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



52.5877, 61.9510, 31.0159



48.8219, 61.9510, 114.8670



77.8462, 61.9510, 74.5719

Complementary

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



52.5877, 61.9510, 31.0159



31.4193, 27.0591, 66.5214

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.



73.6947, 61.9510, 102.9543



52.5877, 61.9510, 31.0159



56.5124, 61.9510, 129.8045

Square

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



52.5877, 61.9510, 31.0159



44.1873, 61.9510, 87.9492



65.6607, 61.9510, 124.9617



76.5205, 61.9510, 50.4194

Rectangle

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



52.5877, 61.9510, 31.0159



43.8349, 61.9510, 53.2436



65.6607, 61.9510, 124.9617



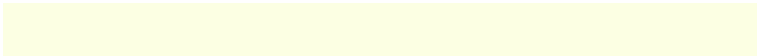
77.0312, 61.9510, 83.9918

Sweetspot

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



52.5892, 61.9538, 31.0172



89.5950, 97.6721, 86.7673



41.1990, 34.9965, 26.4143



19.0429, 20.8484, 18.0378



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.



52.5892, 61.9538, 31.0172



76.4346, 91.9611, 37.6528



43.0759, 57.0495, 30.5720



13.3149, 14.4385, 13.2459



27.0656, 35.5292, 5.4313



1.6758, 2.1653, 0.3296

Inverse Universe

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



31.4193, 27.0591, 66.5214



40.0798, 32.0047, 98.6728



39.5432, 31.2471, 66.9016



11.8837, 12.0815, 15.6431



7.6479, 3.0951, 38.6475



0.5095, 0.2116, 2.3333

Previews

White Background



This preview shows how the XYZ color 52.5877, 61.9510, 31.0159 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 52.5877, 61.9510, 31.0159 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

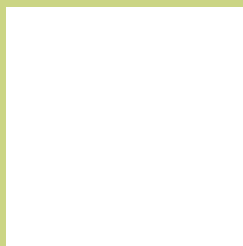
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5877, 61.9510, 31.0159

Background



This preview shows how black text looks on a background with the XYZ color 52.5877, 61.9510, 31.0159.



This preview shows how white text looks on a background with the XYZ color 52.5877, 61.9510,

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

52.5877, 61.9510, 31.0159

Protanopia

57.0851, 61.7351, 29.6762

Deuteranopia

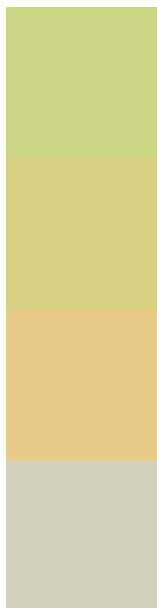
63.1216, 61.6665, 31.8685



Tritanopia

61.8737, 62.1225, 75.7476

Trichromacy



Original Color

52.5877, 61.9510, 31.0159

Protanomaly

55.4450, 61.9643, 30.1571

Deuteranomaly

59.0078, 61.6169, 31.7049

Tritanomaly

57.8608, 61.9151, 55.9149

Monochromacy



Original Color

52.5877, 61.9510, 31.0159

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.0249, 59.3538, 49.6833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5877, 61.9510, 31.0159 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(203, 213, 132)` looks like.

```
.text, #text, p{  
    color:rgb(203, 213, 132)  
}
```

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(203, 213, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 213, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.5877, 61.9510, 31.0159 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(203, 213, 132) }
```


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

```
.border{ border-color:rgb(203, 213, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 213, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 213, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 213, 132);  
box-shadow:4px 4px 4px 4px rgb(203, 213,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5877, 61.9510, 31.0159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 213, 132) }
```

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

```
.background{ background-color: rgb(203,  
213, 132) }
```

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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