

Converting Colors

XYZ(53.2312, 59.4961, 26.9380)

Have a look what the booklet for
XYZ(53.2312, 59.4961, 26.9380)
contains.

XYZ(53.3685, 59.5149, 27.0870)	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(53.3685, 59.5149,
27.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CD7A
RGB	215, 205, 122
RGB Percent	84%, 80%, 48%
CMY	0.1569, 0.1961, 0.5216
CMYK	0.00, 0.05, 0.43, 0.16
HSL	54°, 54%, 66%
HSV	54°, 43%, 84%
XYZ	53.3685, 59.5149, 27.0870
YIQ	198.5280, 32.6030, -23.6930

Conversions

Conversions Part 2

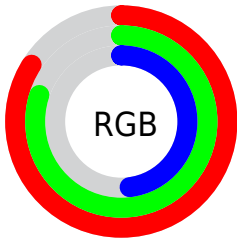
Format	Color
R _{YB}	133, 215, 122
Decimal	14142842
CIE Lab	81.57, -8.08, 42.45
CIE LCh	82, 43.208, 100.780
Yxy	59.5149, 0.3813, 0.4252
Android (android.graphics.Color)	4292332922 (0xFFD7CD7A)
YUV	198.5280, -37.7283, 14.4459
Hunter-Lab	77.1459, -11.5214, 33.1846

Details

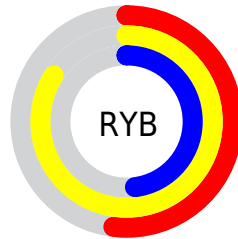
The XYZ color **53.3685, 59.5149, 27.0870** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.5428, 25.5455, 67.7162**, and the grayscale version is **54.2081, 57.0312, 62.1069**.

A 20% lighter version of the original color is **84.8365, 95.9146, 55.1163**, and **26.5020, 29.9591, 10.3471** is the 20% darker color. If you saturate the color by 10%, you get **51.6329, 57.9450, 20.6476**, and if you desaturate by 10%, it is **55.4099, 61.2245, 35.0836**.

Distribution



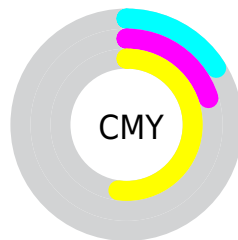
- Red (84%)
- Green (80%)
- Blue (48%)



- Red (52%)
- Yellow (84%)
- Blue (48%)



- Cyan (0%)
- Magenta (5%)
- Yellow (43%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3685, 59.5149, 27.0870 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 53.3685, 59.5149, 27.0870 by changing the saturation by 10% instead.


 53.3685, 59.5149,
27.0870


 53.3685, 59.5149,
27.0870


389.9351,
422.8074, 301.8516


 38.3257, 43.0278,
17.4056


 94.3087, 104.1256,
56.0289

 26.4139, 29.9069,
10.3591


 120.9369,
133.0180, 76.1264

 17.2679, 19.7679,
5.5290


 152.1575,
166.8143, 100.5330

 10.5221, 12.2265,
2.4967

188.3359,
205.8988, 129.6673

 5.8114, 6.8981,
0.8384

229.8375,
250.6560, 163.9477

 2.7703, 3.3985,
0.0000

277.0277,

 1.0335, 1.3431,

301.4702, 203.7929

0.0000

330.2717,
358.7259, 249.6214

0.0000, 0.1742,
0.0000

0.0000, 0.0000,
0.0000

53.3685, 59.5149,
27.0870

53.3685, 59.5149,
27.0870

51.6329, 57.9450,
20.6476

55.4099, 61.2245,
35.0836

50.1791, 56.4986,
15.6582


57.7705, 63.0728,
44.7278


48.9864, 55.1696,
12.0039


60.4685, 65.0692,
56.1073


48.0294, 53.9478,
9.5508


63.5190, 67.2199,
69.3028


 47.2773, 52.8208,
8.1372


 66.9365, 69.5306,
84.3896

 46.8508, 52.1001,
7.5870

 70.7345, 72.0068,
101.4391

 71.9781, 73.4746,
104.9961

 72.5930, 74.7045,
105.2011

 73.2163, 75.9512,
105.4089

Harmonies

Analogous

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



62.5027, 59.5149, 28.1642



53.3685, 59.5149, 27.0870



45.9269, 59.5149, 33.8697

Triad

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



53.3685, 59.5149, 27.0870



44.3659, 59.5149, 103.1907



74.6782, 59.5149, 82.6673

Complementary

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



53.3685, 59.5149, 27.0870



28.5428, 25.5455, 67.7162

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.



68.7356, 59.5149, 110.4397



53.3685, 59.5149, 27.0870



51.0198, 59.5149, 124.3074

Square

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



53.3685, 59.5149, 27.0870



41.1109, 59.5149, 74.5964



59.8911, 59.5149, 127.2668



75.4802, 59.5149, 55.9041

Rectangle

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



53.3685, 59.5149, 27.0870



42.6749, 59.5149, 43.3557



59.8911, 59.5149, 127.2668



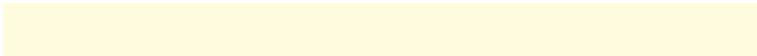
73.1879, 59.5149, 92.3594

Sweetspot

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



53.3700, 59.5176, 27.0882



89.0387, 95.7939, 82.7991



39.2075, 30.0560, 25.8716



18.8588, 20.3594, 16.8733



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.



53.3700, 59.5176, 27.0882



76.1591, 85.4378, 31.0197



46.4849, 59.6315, 27.4731



13.3535, 14.2813, 13.2135



28.0698, 31.2568, 4.5537



1.7264, 1.9520, 0.2858

Inverse Universe

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



28.5428, 25.5455, 67.7162



35.0288, 29.1788, 98.3936



33.2576, 26.0597, 67.5670



11.8490, 12.2214, 15.6720



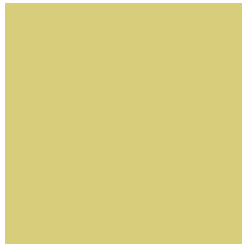
7.5586, 3.3789, 38.7070



0.4931, 0.2781, 2.3470

Previews

White Background



This preview shows how the XYZ color 53.3685, 59.5149, 27.0870 looks on a white background.

Color Contrast Check

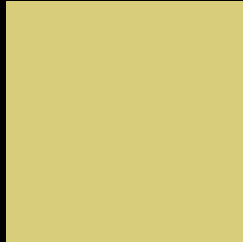
Large Text (above 18pt) WCAG AA × Fail

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 53.3685, 59.5149, 27.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

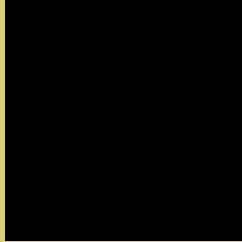
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3685, 59.5149, 27.0870

Background



This preview shows how black text looks on a background with the XYZ color 53.3685, 59.5149, 27.0870.



This preview shows how white text looks on a background with the XYZ color 53.3685, 59.5149,

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

53.3685, 59.5149, 27.0870

Protanopia

54.9313, 59.6219, 26.7022

Deuteranopia

60.6496, 59.4767, 27.6856



Tritanopia

61.8884, 59.5307, 69.2015

Trichromacy



Original Color

53.3685, 59.5149, 27.0870

Protanomaly

54.2575, 59.6263, 26.7385

Deuteranomaly

57.7639, 59.3358, 27.4773

Tritanomaly

58.2781, 59.4334, 50.5197

Monochromacy



Original Color

53.3685, 59.5149, 27.0870

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4142, 57.6927, 46.8487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3685, 59.5149, 27.0870 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(215, 205, 122)` looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 122)  
}
```

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(215, 205, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 122) }
```

Border

The CSS property to change the border of an element to XYZ 53.3685, 59.5149, 27.0870 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(215, 205, 122) }
```


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

```
.border{ border-color:rgb(215, 205, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 205, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 122);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3685, 59.5149, 27.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 122) }
```

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

```
.background{ background-color: rgb(215,  
205, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor