

Converting Colors

XYZ(53.3527, 63.0005, 29.4838)

Have a look what the booklet for
XYZ(53.3527, 63.0005, 29.4838)
contains.

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Color

**XYZ(53.3080, 63.1123,
29.4509)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD77F
RGB	205, 215, 127
RGB Percent	80%, 84%, 50%
CMY	0.1961, 0.1568, 0.5020
CMYK	0.05, 0.00, 0.41, 0.16
HSL	67°, 52%, 67%
HSV	67°, 41%, 84%
XYZ	53.3080, 63.1123, 29.4509
YIQ	201.9780, 22.2880, -29.4880

Conversions

Conversions Part 2

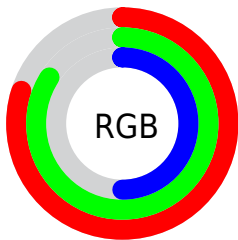
Format	Color
RYB	127, 215, 137
Decimal	13490047
CIELab	83.50, -16.55, 42.21
CIELCh	84, 45.338, 111.405
Yxy	63.1123, 0.3654, 0.4327
Android (android.graphics.Color)	4291680127 (0xFFCDD77F)
YUV	201.9780, -36.9642, 2.6503
Hunter-Lab	79.4433, -19.2486, 33.6305

Details

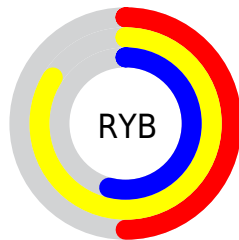
The XYZ color **53.3080, 63.1123, 29.4509** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.1740, 25.4050, 67.6070**, and the grayscale version is **56.3403, 59.2743, 64.5498**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **26.2697, 32.0530, 11.6398** is the 20% darker color. If you saturate the color by 10%, you get **51.3852, 62.2681, 22.8109**, and if you desaturate by 10%, it is **55.5435, 64.0872, 37.6688**.

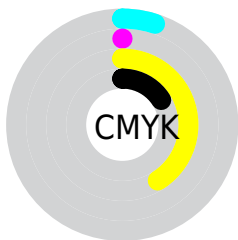
Distribution



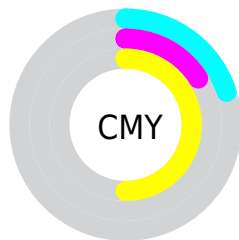
- Red (80%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)





- Cyan (20%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3080, 63.1123, 29.4509 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 53.3080, 63.1123, 29.4509 by changing the saturation by 10% instead.


 53.3080, 63.1123,
29.4509

 53.3080, 63.1123,
29.4509


389.7072,
435.9769, 313.4638


 38.2772, 45.9321,
19.1737


 94.2203, 109.3315,
59.8434

 26.3761, 32.1922,
11.6178


 120.8325,
139.1393, 80.7958

 17.2393, 21.5084,
6.3646


 152.0358,
173.9250, 106.1436

 10.5016, 13.4961,
2.9957

188.1956,
214.0731, 136.3055

 5.7976, 7.7710,
1.0924

229.6773,
259.9679, 171.6999

 2.7619, 3.9488,
0.0000

276.8463,

 1.0291, 1.6450,

311.9939, 212.7454

0.0000

330.0678,
370.5355, 259.8605

■ 0.0000, 0.3876,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3080, 63.1123,
29.4509

■ 53.3080, 63.1123,
29.4509

■ 51.3852, 62.2681,
22.8109

■ 55.5435, 64.0872,
37.6688

■ 49.7511, 61.5384,
17.6437


■ 58.1046, 65.1914,
47.5527

■ 48.3860, 60.9174,
13.8378


■ 61.0090, 66.4341,
59.1891


■ 47.2651, 60.3954,
11.2642


■ 64.2718, 67.8215,
72.6572


 46.3592, 59.9606,
9.7689


 67.9073, 69.3591,
88.0315

 45.6772, 59.6231,
9.1010

 71.7664, 70.9874,
104.5272

 72.5102, 71.3709,
104.5620

 73.2650, 71.7600,
104.5973

 74.0306, 72.1547,
104.6332

Harmonies

Analogous

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



62.8748, 63.1123, 27.6986



53.3080, 63.1123, 29.4509



46.3125, 63.1123, 40.0265

Triad

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



53.3080, 63.1123, 29.4509



48.8843, 63.1123, 120.7017



80.8311, 63.1123, 77.1873

Complementary

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



53.3080, 63.1123, 29.4509



30.1740, 25.4050, 67.6070

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.



76.1171, 63.1123, 108.6171



53.3080, 63.1123, 29.4509



57.1878, 63.1123, 137.8927

Square

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



53.3080, 63.1123, 29.4509



43.9607, 63.1123, 90.5815



67.2004, 63.1123, 132.9482



79.4984, 63.1123, 50.6911

Rectangle

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



53.3080, 63.1123, 29.4509



43.7019, 63.1123, 52.7679



67.2004, 63.1123, 132.9482



79.8839, 63.1123, 87.5976

Sweetspot

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



53.3096, 63.1151, 29.4522



89.2405, 97.5297, 84.9274



40.6333, 33.5331, 24.4104



18.9759, 20.8219, 17.6710



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.



53.3096, 63.1151, 29.4522



75.9978, 91.7975, 34.8499



43.0745, 57.8388, 28.9732



13.3273, 14.4450, 13.2464



27.3761, 35.6892, 5.4458



1.6916, 2.1734, 0.3304

Inverse Universe

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



30.1740, 25.4050, 67.6070



37.5857, 29.1510, 98.2535



38.6330, 29.7658, 68.0029



11.8724, 12.0756, 15.6426



7.6133, 3.0773, 38.6459



0.5042, 0.2088, 2.3330

Previews

White Background



This preview shows how the XYZ color 53.3080, 63.1123, 29.4509 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 53.3080, 63.1123, 29.4509 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 53.3080, 63.1123, 29.4509

Background



This preview shows how black text looks on a background with the XYZ color 53.3080, 63.1123, 29.4509.



This preview shows how white text looks on a background with the XYZ color 53.3080, 63.1123,

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

53.3080, 63.1123, 29.4509

Protanopia

57.8725, 62.8979, 28.1591

Deuteranopia

64.3038, 62.9948, 30.2428



Tritanopia

62.8300, 62.9520, 76.5496

Trichromacy



Original Color

53.3080, 63.1123, 29.4509

Protanomaly

56.2094, 63.1293, 28.6247

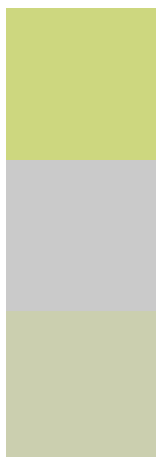
Deuteranomaly

59.7923, 62.7668, 30.0829

Tritanomaly

58.5702, 62.6540, 55.4608

Monochromacy



Original Color

53.3080, 63.1123, 29.4509

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.6793, 60.4173, 49.3372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3080, 63.1123, 29.4509 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(205, 215, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 215, 127)  
}
```

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(205, 215, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 215, 127) }
```

Border

The CSS property to change the border of an element to XYZ 53.3080, 63.1123, 29.4509 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(205, 215, 127) }
```


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

```
.border{ border-color:rgb(205, 215, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 215, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 215, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 215, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 215,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3080, 63.1123, 29.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 215, 127) }
```

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

```
.background{ background-color: rgb(205,  
215, 127) }
```

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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