

Converting Colors

XYZ(54.6412, 68.8945, 30.2182)

Have a look what the booklet for
XYZ(54.6412, 68.8945, 30.2182)
contains.

XYZ(54.5353, 68.8635, 30.1563)	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(54.5353, 68.8635,
30.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E47E
RGB	197, 228, 126
RGB Percent	77%, 89%, 49%
CMY	0.2275, 0.1059, 0.5059
CMYK	0.14, 0.00, 0.45, 0.11
HSL	78°, 65%, 69%
HSV	78°, 45%, 89%
XYZ	54.5353, 68.8635, 30.1563
YIQ	207.1030, 14.2660, -38.2940

Conversions

Conversions Part 2

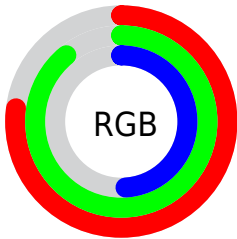
Format	Color
RYB	126, 228, 157
Decimal	12969086
CIELab	86.44, -26.06, 46.25
CIELCh	86, 53.082, 119.398
Yxy	68.8635, 0.3552, 0.4485
Android (android.graphics.Color)	4291159166 (0xFFC5E47E)
YUV	207.1030, -39.9838, -8.8603
Hunter-Lab	82.9840, -27.9157, 36.5429

Details

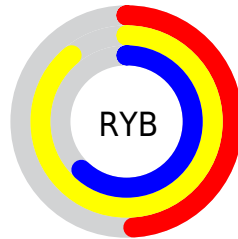
The XYZ color **54.5353, 68.8635, 30.1563** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **35.3717, 27.6930, 76.8837**, and the grayscale version is **59.6193, 62.7242, 68.3066**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **26.9731, 35.6622, 11.9404** is the 20% darker color. If you saturate the color by 10%, you get **51.4559, 67.4292, 23.1884**, and if you desaturate by 10%, it is **58.0369, 70.4810, 38.8968**.

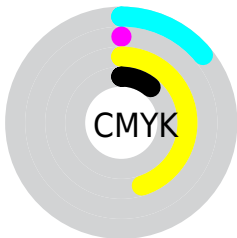
Distribution



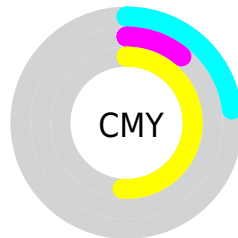
- Red (77%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (62%)



- Cyan (14%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)





- Cyan (23%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5353, 68.8635, 30.1563 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 54.5353, 68.8635, 30.1563 by changing the saturation by 10% instead.


 54.5353, 68.8635,
30.1563


 54.5353, 68.8635,
30.1563


394.3131,
456.5494, 316.8623


 39.2622, 50.6006,
19.7042


 96.0121, 117.5866,
60.9732

 27.1454, 35.8908,
11.9983


 122.9464,
148.8155, 82.1751

 17.8196, 24.3499,
6.6200

 154.4985,
185.1352, 107.7973

 10.9194, 15.5934,
3.1508

191.0337,
226.9301, 138.2584

 6.0796, 9.2369,
1.1721

232.9175,
274.5846, 173.9769

 2.9347, 4.8960,
0.0000

280.5150,

 1.1193, 2.1864,

328.4830, 215.3713

0.0000

334.1918,
389.0098, 262.8603

0.0412, 0.7126,
0.0000

0.0000, 0.0000,
0.0000

54.5353, 68.8635,
30.1563

54.5353, 68.8635,
30.1563

51.4559, 67.4292,
23.1884

58.0369, 70.4810,
38.8968

48.7693, 66.1593,
17.8671


61.9775, 72.2816,
49.5157


46.4502, 65.0457,
14.0569


66.3792, 74.2764,
62.1156


44.4672, 64.0758,
11.5988


71.2608, 76.4732,
76.7904


 42.7822, 63.2342,
10.2984


 76.6401, 78.8792,
93.6282

 41.9835, 62.8301,
9.9147

 81.2510, 80.9881,
105.9576

 83.6307, 82.2149,
106.0690

 86.1010, 83.4883,
106.1846

 87.0349, 83.9698,
106.2283

Harmonies

Analogous

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



65.7011, 68.8635, 25.6591



54.5353, 68.8635, 30.1563



47.1640, 68.8635, 45.5609

Triad

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



54.5353, 68.8635, 30.1563



54.1557, 68.8635, 149.5237



92.0093, 68.8635, 75.6934

Complementary

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



54.5353, 68.8635, 30.1563



35.3717, 27.6930, 76.8837

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.



87.9464, 68.8635, 114.9323



54.5353, 68.8635, 30.1563



65.2049, 68.8635, 164.9371

Square

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



54.5353, 68.8635, 30.1563



46.9649, 68.8635, 113.3041



77.7378, 68.8635, 150.6521



88.2489, 68.8635, 46.4495

Rectangle

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



54.5353, 68.8635, 30.1563



44.8831, 68.8635, 63.2169



77.7378, 68.8635, 150.6521



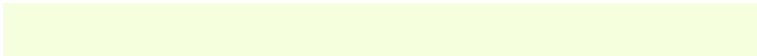
91.5062, 68.8635, 88.1201

Sweetspot

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



54.5370, 68.8666, 30.1578



86.5542, 96.1846, 83.0055



47.7527, 41.9813, 25.3260



18.2404, 20.4585, 16.9250



0.0000, 0.0000, 0.0000



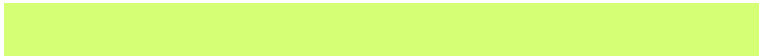
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.5370, 68.8666, 30.1578



66.4710, 86.9791, 30.2075



43.4368, 63.1442, 29.6383



15.1528, 16.5859, 15.3072



24.3673, 36.3433, 5.7307



1.8940, 2.7337, 0.4278

Inverse Universe

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



35.3717, 27.6930, 76.8837



38.7753, 27.3995, 97.8527



47.3670, 33.8768, 77.4451



13.9927, 14.0985, 18.1281



9.6214, 4.0259, 42.6531



0.8028, 0.3448, 3.1562

Previews

White Background



This preview shows how the XYZ color 54.5353, 68.8635, 30.1563 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 54.5353, 68.8635, 30.1563 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 54.5353, 68.8635, 30.1563

Background



This preview shows how black text looks on a background with the XYZ color 54.5353, 68.8635, 30.1563.



This preview shows how white text looks on a background with the XYZ color 54.5353, 68.8635,

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

54.5353, 68.8635, 30.1563

Protanopia

62.9938, 68.5214, 28.3182

Deuteranopia

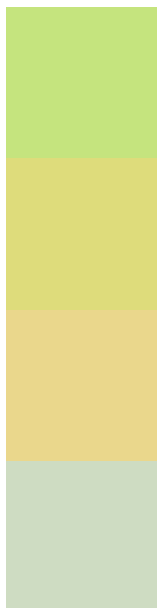
69.1412, 68.5099, 37.5966



Tritanopia

66.1278, 68.8438, 86.8937

Trichromacy



Original Color

54.5353, 68.8635, 30.1563

Protanomaly

59.2926, 68.1461, 28.7673

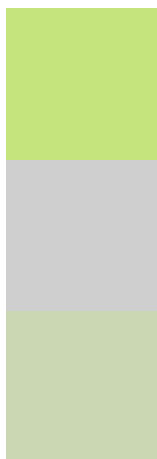
Deuteranomaly

62.9657, 67.9868, 34.6150

Tritanomaly

60.7844, 68.2033, 60.9998

Monochromacy



Original Color

54.5353, 68.8635, 30.1563

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

56.9649, 64.5117, 51.5691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5353, 68.8635, 30.1563 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(197, 228, 126)` looks like.

```
.text, #text, p{  
    color:rgb(197, 228, 126)  
}
```

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(197, 228, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 228, 126) }
```

Border

The CSS property to change the border of an element to XYZ 54.5353, 68.8635, 30.1563 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(197, 228, 126) }
```


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

```
.border{ border-color:rgb(197, 228, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 228, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 228, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 228, 126); box-shadow:4px 4px 4px 4px rgb(197, 228, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5353, 68.8635, 30.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 228, 126) }
```

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

```
.background{ background-color: rgb(197,  
228, 126) }
```

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