

Converting Colors

XYZ(36.9827, 54.1284, 30.0863)

Have a look what the booklet for
XYZ(36.9827, 54.1284, 30.0863)
contains.

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Color

**XYZ(37.0454, 54.3210,
30.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	80D683
RGB	128, 214, 131
RGB Percent	50%, 84%, 51%
CMY	0.4980, 0.1608, 0.4863
CMYK	0.40, 0.00, 0.39, 0.16
HSL	122°, 51%, 67%
HSV	122°, 40%, 84%
XYZ	37.0454, 54.3210, 30.0052
YIQ	178.8240, -24.6130, -44.0450

Conversions

Conversions Part 2

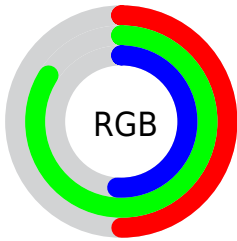
Format	Color
RYB	128, 211, 214
Decimal	8443523
CIELab	78.65, -42.74, 33.04
CIELCh	79, 54.017, 142.294
Yxy	54.3210, 0.3052, 0.4476
Android (android.graphics.Color)	4286633603 (0xFF80D683)
YUV	178.8240, -23.5772, -44.5726
Hunter-Lab	73.7028, -39.2600, 27.4543

Details

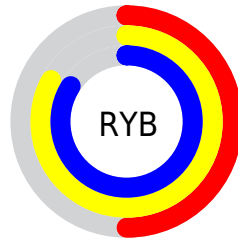
The XYZ color **37.0454, 54.3210, 30.0052** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **47.2104, 34.4387, 65.7891**, and the grayscale version is **42.8861, 45.1195, 49.1352**.

A 20% lighter version of the original color is **64.2841, 85.2131, 58.9586**, and **16.5938, 26.7919, 11.8862** is the 20% darker color. If you saturate the color by 10%, you get **32.8966, 52.3297, 23.2184**, and if you desaturate by 10%, it is **42.1548, 56.7784, 38.2958**.

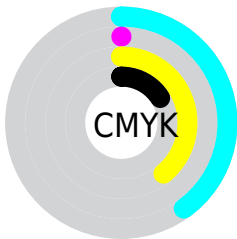
Distribution



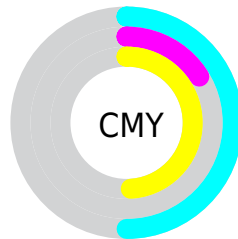
- Red (50%)
- Green (84%)
- Blue (51%)



- Red (50%)
- Yellow (83%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)





- Cyan (50%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0454, 54.3210, 30.0052 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 37.0454, 54.3210, 30.0052 by changing the saturation by 10% instead.


 37.0454, 54.3210,
30.0052


 37.0454, 54.3210,
30.0052


324.8592,
403.3329, 316.1368


 25.4165, 38.8584,
19.5904


 69.9560, 96.5454,
60.7315

 16.5180, 26.6496,
11.9166


 91.9684, 124.0759,
81.8801

 9.9846, 17.3102,
6.5650


 118.1726,
156.3979, 107.4438

 5.4509, 10.4559,
3.1173

148.9340,
193.8957, 137.8411

 2.5516, 5.7023,
1.1548

184.6181,
236.9537, 173.4905

 0.9214, 2.6649,
0.0000

225.5900,

 0.0000, 0.9594,

285.9563, 214.8105

0.0000

272.2153,
341.2879, 262.2198

■ 0.0000, 0.0000,
0.0000

■ 37.0454, 54.3210,
30.0052

■ 37.0454, 54.3210,
30.0052

■ 32.8966, 52.3297,
23.2184

■ 42.1548, 56.7784,
38.2958

■ 29.6447, 50.7689,
17.8419

■ 48.2753, 59.7214,
48.1688

■ 27.2244, 49.6087,
13.7775


■ 55.4587, 63.1768,
59.7019

■ 25.5604, 48.8126,
10.9130


■ 63.7521, 67.1672,
72.9666

■ 24.5633, 48.3372,
9.1174

■ 73.1998, 71.7140,
88.0300

 24.0885, 48.1116,
8.2313

 83.3254, 76.5704,
104.9316

 83.3376, 76.5752,
104.9959

Harmonies

Analogous

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



44.2348, 54.3210, 19.7468



37.0454, 54.3210, 30.0052



33.8572, 54.3210, 51.6146

Triad

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



37.0454, 54.3210, 30.0052



48.9289, 54.3210, 138.5306



73.0256, 54.3210, 39.5459

Complementary

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



37.0454, 54.3210, 30.0052



47.2104, 34.4387, 65.7891

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.



74.7370, 54.3210, 67.3772



37.0454, 54.3210, 30.0052



59.8078, 54.3210, 131.8341

Square

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



37.0454, 54.3210, 30.0052



40.0755, 54.3210, 118.8462



69.6149, 54.3210, 102.8329



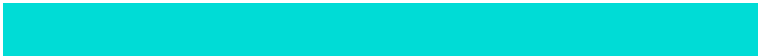
65.2170, 54.3210, 23.7850

Rectangle

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



37.0454, 54.3210, 30.0052



34.0728, 54.3210, 72.5543



69.6149, 54.3210, 102.8329



74.3728, 54.3210, 47.5011

Sweetspot

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



37.0468, 54.3233, 30.0064



80.2791, 92.8931, 85.2682



54.8473, 63.5230, 29.7929



16.8704, 19.7326, 17.7495



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.



37.0468, 54.3233, 30.0064



49.8759, 78.2765, 36.0986



40.5771, 55.7354, 48.5971



12.2798, 13.9029, 13.2879



14.5673, 29.0822, 5.0169



0.8849, 1.7566, 0.3359

Inverse Universe

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



47.2104, 34.4387, 65.7891



66.9427, 44.8737, 96.1761



42.5327, 32.5676, 41.1567



12.9334, 12.6249, 15.5897



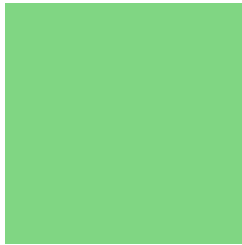
23.5433, 11.3536, 36.4946



1.4260, 0.6872, 2.2327

Previews

White Background



This preview shows how the XYZ color 37.0454, 54.3210, 30.0052 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 37.0454, 54.3210, 30.0052 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 37.0454, 54.3210, 30.0052

Background



This preview shows how black text looks on a background with the XYZ color 37.0454, 54.3210, 30.0052.



This preview shows how white text looks on a background with the XYZ color 37.0454, 54.3210,

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

37.0454, 54.3210, 30.0052

Protanopia

49.7309, 53.8625, 26.5143

Deuteranopia

54.5695, 53.3559, 31.4673



Tritanopia

46.1283, 53.9902, 75.7001

Trichromacy



Original Color

37.0454, 54.3210, 30.0052



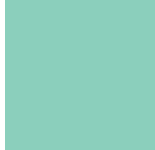
Protanomaly

43.7086, 53.1034, 27.6850



Deuteranomaly

46.1054, 52.5666, 30.6380



Tritanomaly

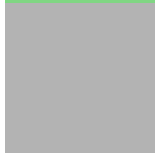
42.0374, 53.7455, 55.7353

Monochromacy



Original Color

37.0454, 54.3210, 30.0052



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

39.8684, 47.7815, 41.3039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0454, 54.3210, 30.0052 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(128, 214, 131)` looks like.

```
.text, #text, p{  
    color:rgb(128, 214, 131)  
}
```

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(128, 214, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 214, 131) }
```

Border

The CSS property to change the border of an element to XYZ 37.0454, 54.3210, 30.0052 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(128, 214, 131) }
```


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

```
.border{ border-color:rgb(128, 214, 131) }
```

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

Here you see how a box with a 4 pixel rgb(128, 214, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 214, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 214, 131);  
box-shadow:4px 4px 4px 4px rgb(128, 214,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0454, 54.3210, 30.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 214, 131) }
```

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

```
.background{ background-color: rgb(128,  
214, 131) }
```

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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