

Converting Colors

XYZ(30.1027, 44.9957, 34.1835)

Have a look what the booklet for
XYZ(30.1027, 44.9957, 34.1835)
contains.

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Color

**XYZ(30.1017, 44.8964,
34.2735)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC692
RGB	95, 198, 146
RGB Percent	37%, 78%, 57%
CMY	0.6274, 0.2235, 0.4274
CMYK	0.52, 0.00, 0.26, 0.22
HSL	150°, 47%, 57%
HSV	150°, 52%, 78%
XYZ	30.1017, 44.8964, 34.2735
YIQ	161.2750, -44.6960, -38.0080

Conversions

Conversions Part 2

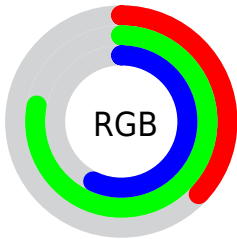
Format	Color
RYB	95, 164, 198
Decimal	6276754
CIELab	72.82, -42.04, 17.09
CIElCh	73, 45.386, 157.873
Yxy	44.8964, 0.2755, 0.4109
Android (android.graphics.Color)	4284466834 (0xFF5FC692)
YUV	161.2750, -7.5306, -58.1232
Hunter-Lab	67.0048, -37.0678, 16.5760

Details

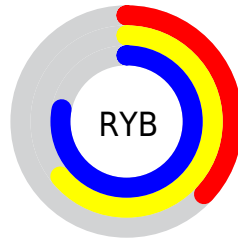
The XYZ color **30.1017, 44.8964, 34.2735** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **32.6488, 22.2978, 30.1885**, and the grayscale version is **34.0540, 35.8275, 39.0161**.

A 20% lighter version of the original color is **59.1342, 82.3655, 67.4250**, and **12.4837, 20.7782, 14.1791** is the 20% darker color. If you saturate the color by 10%, you get **27.5567, 43.6716, 30.2716**, and if you desaturate by 10%, it is **33.2398, 46.4215, 38.6601**.

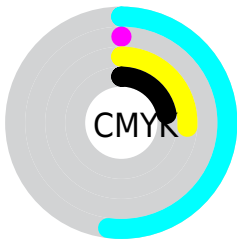
Distribution



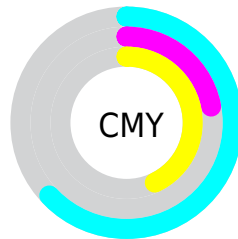
- Red (37%)
- Green (78%)
- Blue (57%)



- Red (37%)
- Yellow (64%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1017, 44.8964, 34.2735 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 30.1017, 44.8964, 34.2735 by changing the saturation by 10% instead.

■ 30.1017, 44.8964,
34.2735

■ 30.1017, 44.8964,
34.2735

294.2795,
366.3538, 336.1562

■ 20.0642, 31.3758,
22.8247

■ 59.2085, 82.5649,
67.4975

■ 12.5503, 20.8852,
14.2601

■ 79.0086, 107.4817,
90.1098

■ 7.1945, 13.0401,
8.1610

■ 102.7935,
136.9659, 117.2804

■ 3.6314, 7.4562,
4.1089

■ 130.9288,
171.4021, 149.4278

■ 1.4958, 3.7490,
1.6853

163.7796,
211.1746, 186.9705

■ 0.3230, 1.5342,
0.3506

201.7115,

■ 0.0000, 0.3126,

256.6678, 230.3271

0.0000

245.0897,
308.2661, 279.9162

■ 0.0000, 0.0000,
0.0000

■ 30.1017, 44.8964,
34.2735

■ 30.1017, 44.8964,
34.2735

■ 27.5567, 43.6716,
30.2716

■ 33.2398, 46.4215,
38.6601

■ 25.5590, 42.7200,
26.6404

■ 37.0053, 48.2608,
43.4388

■ 24.0617, 42.0190,
23.3691

■ 41.4338, 50.4337,
48.6207

■ 23.0076, 41.5392,
20.4453

■ 46.5575, 52.9566,
54.2154

■ 22.4014, 41.2724,
18.3506

■ 52.4061, 55.8445,
60.2322

■ 59.0076, 59.1118,
66.6800

■ 66.3887, 62.7721,
73.5675

■ 74.5744, 66.8381,
80.9032

■ 76.5709, 67.7042,
88.3667

Harmonies

Analogous

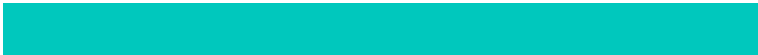
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.0175, 44.8964, 21.9766



30.1017, 44.8964, 34.2735



29.3360, 44.8964, 55.0832

Triad

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



30.1017, 44.8964, 34.2735



44.7855, 44.8964, 105.8134



55.8080, 44.8964, 26.7622

Complementary

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



30.1017, 44.8964, 34.2735



32.6488, 22.2978, 30.1885

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.



59.5399, 44.8964, 43.1693



30.1017, 44.8964, 34.2735



52.6840, 44.8964, 91.8446

Square

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



30.1017, 44.8964, 34.2735



37.2080, 44.8964, 101.2113



58.3313, 44.8964, 67.1503



48.6478, 44.8964, 18.6645

Rectangle

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



30.1017, 44.8964, 34.2735



30.6141, 44.8964, 72.1496



58.3313, 44.8964, 67.1503



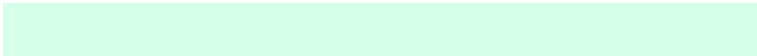
57.5429, 44.8964, 31.2503

Sweetspot

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



30.1029, 44.8982, 34.2745



78.4590, 91.8099, 91.7306



34.5131, 47.5325, 18.1826



16.3893, 19.4521, 19.1920



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.



30.1029, 44.8982, 34.2745



48.4348, 77.1582, 52.9910



34.9110, 46.8214, 59.5934



10.7127, 11.9740, 12.4375



14.6107, 26.8566, 12.1603



0.7284, 1.2863, 0.7684

Inverse Universe

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



32.6488, 22.2978, 30.1885



53.4133, 32.9540, 44.9938



29.5266, 21.0489, 13.7472



10.8535, 10.7248, 12.2119



16.6833, 8.4229, 8.8079



0.8265, 0.4134, 0.6095

Previews

White Background



This preview shows how the XYZ color 30.1017, 44.8964, 34.2735 looks on a white background.

Color Contrast Check

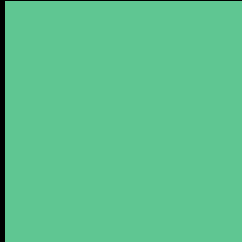
Large Text (above 18pt) WCAG AA × Fail

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 30.1017, 44.8964, 34.2735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

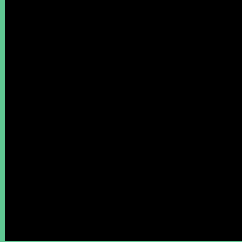
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1017, 44.8964, 34.2735

Background



This preview shows how black text looks on a background with the XYZ color 30.1017, 44.8964, 34.2735.



This preview shows how white text looks on a background with the XYZ color 30.1017, 44.8964,

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

30.1017, 44.8964, 34.2735

Protanopia

41.4013, 44.1690, 29.6359

Deuteranopia

45.1322, 44.2302, 35.8643



Tritanopia

36.2361, 44.7279, 65.1160

Trichromacy



Original Color

30.1017, 44.8964, 34.2735



Protanomaly

35.6002, 43.5599, 31.3425



Deuteranomaly

37.3387, 43.1423, 35.2135



Tritanomaly

33.6656, 44.6648, 52.1942

Monochromacy



Original Color

30.1017, 44.8964, 34.2735



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.4533, 37.9908, 37.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1017, 44.8964, 34.2735 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(95, 198, 146)` looks like.

```
.text, #text, p{  
    color:rgb(95, 198, 146)  
}
```

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(95, 198, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 198, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.1017, 44.8964, 34.2735 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(95, 198, 146) }
```


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

```
.border{ border-color:rgb(95, 198, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 198, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 198, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 198, 146);  
box-shadow:4px 4px 4px 4px rgb(95, 198,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1017, 44.8964, 34.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 198, 146) }
```

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

```
.background{ background-color: rgb(95, 198,  
146) }
```

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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