

Converting Colors

XYZ(30.7693, 46.0925, 40.2192)

Have a look what the booklet for
XYZ(30.7693, 46.0925, 40.2192)
contains.

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Color

**XYZ(30.8008, 46.1613,
40.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	54C99F
RGB	84, 201, 159
RGB Percent	33%, 79%, 62%
CMY	0.6706, 0.2118, 0.3765
CMYK	0.58, 0.00, 0.21, 0.21
HSL	158°, 52%, 56%
HSV	158°, 58%, 79%
XYZ	30.8008, 46.1613, 40.0875
YIQ	161.2290, -56.2500, -37.8660

Conversions

Conversions Part 2

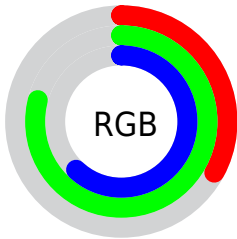
Format	Color
RYB	84, 155, 201
Decimal	5556639
CIELab	73.65, -42.99, 11.23
CIELCh	74, 44.429, 165.366
Yxy	46.1613, 0.2631, 0.3944
Android (android.graphics.Color)	4283746719 (0xFF54C99F)
YUV	161.2290, -1.0989, -67.7298
Hunter-Lab	67.9421, -37.9777, 12.5769

Details

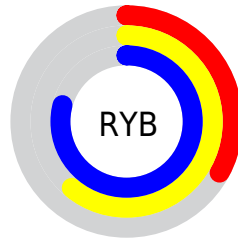
The XYZ color **30.8008, 46.1613, 40.0875** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **31.0251, 20.2657, 22.0169**, and the grayscale version is **34.0076, 35.7786, 38.9629**.

A 20% lighter version of the original color is **59.2253, 82.2147, 76.3658**, and **12.9857, 21.6405, 17.6800** is the 20% darker color. If you saturate the color by 10%, you get **28.6455, 45.1216, 36.8134**, and if you desaturate by 10%, it is **33.5113, 47.4853, 43.5804**.

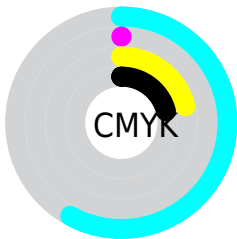
Distribution



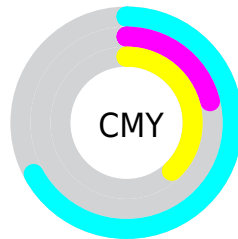
- Red (33%)
- Green (79%)
- Blue (62%)



- Red (33%)
- Yellow (61%)
- Blue (79%)



- Cyan (58%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)





- Cyan (67%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8008, 46.1613, 40.0875 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 30.8008, 46.1613, 40.0875 by changing the saturation by 10% instead.


 30.8008, 46.1613,
40.0875


 30.8008, 46.1613,
40.0875


297.4628,
371.4567, 362.0553


 20.5983, 32.3731,
27.2925


 60.3043, 84.4603,
76.5353


 12.9415, 21.6467,
17.5586


 80.3360, 109.7400,
101.0251

 7.4650, 13.5975,
10.4674


 104.3748,
139.6190, 130.2503

 3.8035, 7.8413,
5.6003

 132.7861,
174.4816, 164.6294

 1.5916, 3.9935,
2.5388

165.9351,
214.7123, 204.5808

 0.3869, 1.6700,
0.8606

204.1874,

 0.0000, 0.4041,

260.6954, 250.5233

0.0000

247.9082,
312.8155, 302.8753

■ 0.0000, 0.0000,
0.0000

■ 30.8008, 46.1613,
40.0875

■ 30.8008, 46.1613,
40.0875

■ 28.6455, 45.1216,
36.8134

■ 33.5113, 47.4853,
43.5804

■ 26.9954, 44.3371,
33.7497

■ 36.8140, 49.1091,
47.2940

■ 25.7979, 43.7818,
30.8914

■ 40.7468, 51.0535,
51.2342

■ 24.9711, 43.4136,
28.2314

■ 45.3435, 53.3356,
55.4056

■ 24.8396, 43.3558,
27.7743

■ 50.6353, 55.9715,
59.8124

■ 56.6514, 58.9763,
64.4591

■ 63.4193, 62.3641,
69.3496

■ 70.9651, 66.1482,
74.4880

■ 75.5744, 68.4137,
79.7032

Harmonies

Analogous

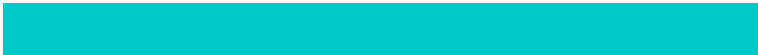
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.9629, 46.1613, 25.5464



30.8008, 46.1613, 40.0875



30.8403, 46.1613, 62.6432

Triad

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



30.8008, 46.1613, 40.0875



48.0084, 46.1613, 104.7076



55.3896, 46.1613, 25.2982

Complementary

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



30.8008, 46.1613, 40.0875



31.0251, 20.2657, 22.0169

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.



60.1452, 46.1613, 39.6298



30.8008, 46.1613, 40.0875



55.5492, 46.1613, 87.2763

Square

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



30.8008, 46.1613, 40.0875



40.1614, 46.1613, 104.9413



60.2069, 46.1613, 62.0266



47.8106, 46.1613, 18.9080

Rectangle

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



30.8008, 46.1613, 40.0875



32.6548, 46.1613, 79.7524



60.2069, 46.1613, 62.0266



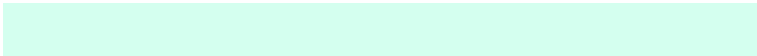
57.4093, 46.1613, 29.1181

Sweetspot

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



30.8021, 46.1631, 40.0886



78.4553, 91.7230, 95.5701



31.2258, 46.9197, 15.7988



16.4242, 19.4492, 20.1359



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.



30.8021, 46.1631, 40.0886



48.1756, 76.8351, 61.5358



31.6330, 40.9692, 61.5011



10.7788, 12.0004, 12.7856



15.6627, 27.2774, 17.7001



0.7753, 1.3051, 1.0156

Inverse Universe

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



31.0251, 20.2657, 22.0169



48.6355, 28.4086, 27.9557



30.2079, 22.0966, 11.0611



10.7886, 10.6988, 11.8698



15.9240, 8.1192, 4.8096



0.7886, 0.3983, 0.4099

Previews

White Background



This preview shows how the XYZ color 30.8008, 46.1613, 40.0875 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 30.8008, 46.1613, 40.0875 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

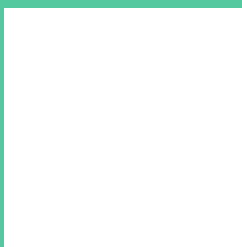
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8008, 46.1613, 40.0875

Background



This preview shows how black text looks on a background with the XYZ color 30.8008, 46.1613, 40.0875.

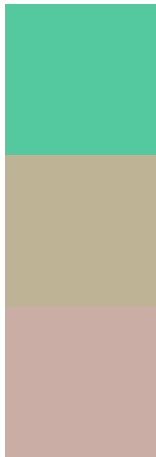


This preview shows how white text looks on a background with the XYZ color 30.8008, 46.1613,

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

30.8008, 46.1613, 40.0875

Protanopia

42.7006, 45.3255, 34.5151

Deuteranopia

46.0922, 45.1603, 41.8848



Tritanopia

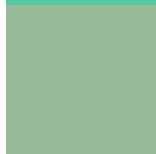
36.2915, 46.0034, 67.9396

Trichromacy



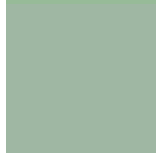
Original Color

30.8008, 46.1613, 40.0875



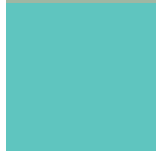
Protanomaly

36.2003, 44.3870, 36.3653



Deuteranomaly

37.8424, 43.8822, 41.1259



Tritanomaly

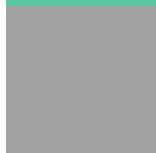
34.0895, 46.1270, 56.3969

Monochromacy



Original Color

30.8008, 46.1613, 40.0875



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.5434, 38.5753, 39.0410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8008, 46.1613, 40.0875 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(84, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(84, 201, 159)  
}
```

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(84, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 201, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.8008, 46.1613, 40.0875 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(84, 201, 159) }
```


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

```
.border{ border-color:rgb(84, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(84, 201,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8008, 46.1613, 40.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 201, 159) }
```

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

```
.background{ background-color: rgb(84, 201,  
159) }
```

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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