

Converting Colors

XYZ(30.8684, 44.6289, 31.6807)

Have a look what the booklet for
XYZ(30.8684, 44.6289, 31.6807)
contains.

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Color

**XYZ(30.9040, 44.6883,
31.8078)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC48C
RGB	110, 196, 140
RGB Percent	43%, 77%, 55%
CMY	0.5686, 0.2314, 0.4510
CMYK	0.44, 0.00, 0.29, 0.23
HSL	141°, 42%, 60%
HSV	141°, 44%, 77%
XYZ	30.9040, 44.6883, 31.8078
YIQ	163.9020, -33.2800, -35.6480

Conversions

Conversions Part 2

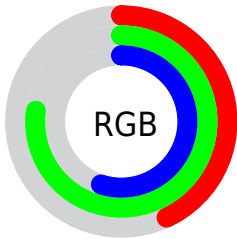
Format	Color
RYB	110, 174, 196
Decimal	7259276
CIELab	72.69, -38.45, 20.20
CIELCh	73, 43.434, 152.282
Yxy	44.6883, 0.2877, 0.4161
Android (android.graphics.Color)	4285449356 (0xFF6EC48C)
YUV	163.9020, -11.7837, -47.2721
Hunter-Lab	66.8493, -34.4669, 18.5835

Details

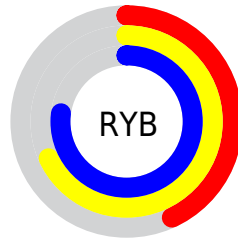
The XYZ color **30.9040, 44.6883, 31.8078** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **35.2254, 25.6419, 39.1711**, and the grayscale version is **35.3066, 37.1453, 40.4512**.

A 20% lighter version of the original color is **60.3799, 82.1449, 63.7121**, and **13.0940, 20.8964, 13.0161** is the 20% darker color. If you saturate the color by 10%, you get **27.8427, 43.2139, 27.0339**, and if you desaturate by 10%, it is **34.6162, 46.4881, 37.1840**.

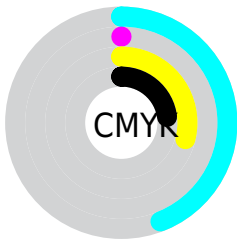
Distribution



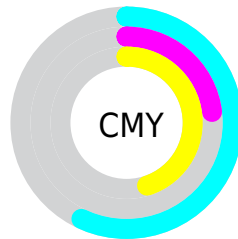
- Red (43%)
- Green (77%)
- Blue (55%)



- Red (43%)
- Yellow (68%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)





- Cyan (57%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9040, 44.6883, 31.8078 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 30.9040, 44.6883, 31.8078 by changing the saturation by 10% instead.


 30.9040, 44.6883,
31.8078


 30.9040, 44.6883,
31.8078


297.9306,
365.5097, 324.7085


 20.6772, 31.2120,
20.9511


 60.4658, 82.2525,
63.6041


 12.9994, 20.7603,
12.8974


 80.5315, 107.1091,
85.3807

 7.5051, 12.9489,
7.2280


 104.6075,
136.5280, 111.6345

 3.8291, 7.3934,
3.5245

 133.0593,
170.8935, 142.7839

 1.6059, 3.7093,
1.3683

166.2521,
210.5900, 179.2474

 0.3962, 1.5123,
0.1168

204.5514,

 0.0000, 0.2974,

256.0020, 221.4437

0.0000

248.3224,
307.5137, 269.7912

■ 0.0000, 0.0000,
0.0000

■ 30.9040, 44.6883,
31.8078

■ 30.9040, 44.6883,
31.8078

■ 27.8427, 43.2139,
27.0339

■ 34.6162, 46.4881,
37.1840

■ 25.3891, 42.0394,
22.8381

■ 39.0119, 48.6261,
43.1795

■ 23.5002, 41.1442,
19.1987


■ 44.1259, 51.1208,
49.8147


■ 22.1251, 40.5026,
16.0916


■ 49.9893, 53.9882,
57.1078


■ 21.2033, 40.0841,
13.4908


■ 56.6315, 57.2429,
65.0765

 20.7955, 39.9034,
12.1345

 64.0802, 60.8988,
73.7376

 72.3617, 64.9693,
83.1075

 77.0239, 67.1588,
92.9925

 79.0100, 67.9532,
103.4508

Harmonies

Analogous

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



35.2020, 44.6883, 21.3472



30.9040, 44.6883, 31.8078



29.5884, 44.6883, 50.3278

Triad

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



30.9040, 44.6883, 31.8078



43.0540, 44.6883, 102.9618



55.9287, 44.6883, 29.7021

Complementary

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



30.9040, 44.6883, 31.8078



35.2254, 25.6419, 39.1711

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.



58.6462, 44.6883, 47.0255



30.9040, 44.6883, 31.8078



50.6863, 44.6883, 92.8057

Square

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



30.9040, 44.6883, 31.8078



36.0904, 44.6883, 95.3682



56.6241, 44.6883, 70.6042



49.5712, 44.6883, 20.4080

Rectangle

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



30.9040, 44.6883, 31.8078



30.4369, 44.6883, 66.1340



56.6241, 44.6883, 70.6042



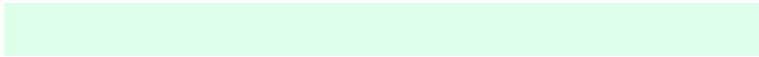
57.3299, 44.6883, 34.5685

Sweetspot

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



30.9052, 44.6901, 31.8088



80.6054, 92.9328, 91.0904



38.5629, 48.8595, 22.1508



16.7791, 19.6601, 18.8946



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.



30.9052, 44.6901, 31.8088



50.4594, 78.2921, 49.0087



34.5809, 46.1604, 51.1647



10.0863, 11.3156, 11.4576



13.3986, 25.6535, 7.9918



0.6118, 1.1215, 0.5182

Inverse Universe

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



35.2254, 25.6419, 39.1711



59.3059, 39.2039, 64.0230



32.0014, 24.3523, 22.1941



10.3432, 10.1859, 11.8980



17.1573, 8.5527, 14.0065



0.7729, 0.3822, 0.7713

Previews

White Background



This preview shows how the XYZ color 30.9040, 44.6883, 31.8078 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 30.9040, 44.6883, 31.8078 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 30.9040, 44.6883, 31.8078

Background



This preview shows how black text looks on a background with the XYZ color 30.9040, 44.6883, 31.8078.



This preview shows how white text looks on a background with the XYZ color 30.9040, 44.6883, 31.8078.

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

30.9040, 44.6883, 31.8078

Protanopia

41.0541, 44.0301, 27.8076

Deuteranopia

44.7399, 43.8039, 33.2911



Tritanopia

37.2202, 44.6382, 63.1542

Trichromacy



Original Color

30.9040, 44.6883, 31.8078



Protanomaly

36.1415, 43.5793, 29.0610



Deuteranomaly

37.7317, 42.7999, 32.6581



Tritanomaly

34.6147, 44.5500, 49.9546

Monochromacy



Original Color

30.9040, 44.6883, 31.8078



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

32.9433, 39.3465, 36.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9040, 44.6883, 31.8078 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(110, 196, 140)` looks like.

```
.text, #text, p{  
    color:rgb(110, 196, 140)  
}
```

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(110, 196, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 196, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.9040, 44.6883, 31.8078 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(110, 196, 140) }
```


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

```
.border{ border-color:rgb(110, 196, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 196, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 196, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 196, 140); box-shadow:4px 4px 4px 4px rgb(110, 196, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9040, 44.6883, 31.8078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 196, 140) }
```

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

```
.background{ background-color: rgb(110,  
196, 140) }
```

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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