

Converting Colors

XYZ(30.8154, 41.9147, 38.4462)

Have a look what the booklet for
XYZ(30.8154, 41.9147, 38.4462)
contains.

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Color

**XYZ(30.7511, 41.8455,
38.3545)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70BC9D |
| RGB | 112, 188, 157 |
| RGB Percent | 44%, 74%, 62% |
| CMY | 0.5608, 0.2627, 0.3843 |
| CMYK | 0.40, 0.00, 0.16, 0.26 |
| HSL | 156°, 36%, 59% |
| HSV | 156°, 40%, 74% |
| XYZ | 30.7511, 41.8455, 38.3545 |
| YIQ | 161.7420, -35.3450, -25.7530 |

Conversions

Conversions Part 2

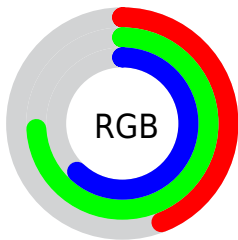
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 112, 160, 188 |
| Decimal | 7388317 |
| CIELab | 70.76, -30.73, 8.35 |
| CIELCh | 71, 31.847, 164.808 |
| Yxy | 41.8455, 0.2772, 0.3772 |
| Android (android.graphics.Color) | 4285578397 (0xFF70BC9D) |
| YUV | 161.7420, -2.3378, -43.6237 |
| Hunter-Lab | 64.6881, -28.3497, 10.1278 |

Details

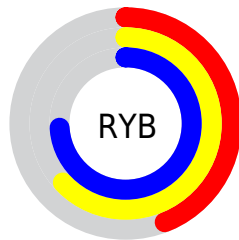
The XYZ color **30.7511, 41.8455, 38.3545** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **31.4925, 24.2639, 29.0118**, and the grayscale version is **34.2453, 36.0287, 39.2353**.

A 20% lighter version of the original color is **60.4724, 78.2738, 74.2085**, and **12.8715, 18.9903, 16.6228** is the 20% darker color. If you saturate the color by 10%, you get **27.9700, 40.4862, 34.9136**, and if you desaturate by 10%, it is **34.0750, 43.4821, 42.0372**.

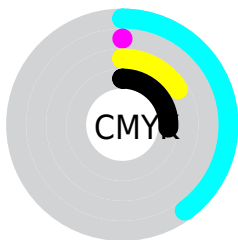
Distribution



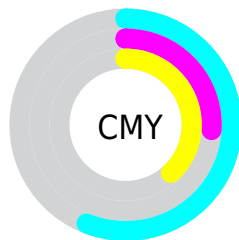
- Red (44%)
- Green (74%)
- Blue (62%)



- Red (44%)
- Yellow (63%)
- Blue (74%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)





- Cyan (56%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7511, 41.8455, 38.3545 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 30.7511, 41.8455, 38.3545 by changing the saturation by 10% instead.


 30.7511, 41.8455,
38.3545


 30.7511, 41.8455,
38.3545


297.2374,
353.8421, 354.4819


 20.5603, 28.9803,
25.9540


 60.2265, 77.9657,
73.8606

 12.9136, 19.0659,
16.5638


 80.2418, 101.9896,
97.8033

 7.4457, 11.7179,
9.7653


 104.2626,
130.5018, 126.4304

 3.7911, 6.5519,
5.1401

132.6544,
163.8868, 160.1605

 1.5847, 3.1835,
2.2695

165.7824,
202.5289, 199.4122

 0.3824, 1.2283,
0.7141

204.0120,

 0.0000, 0.0846,

246.8126, 244.6040

0.0000

247.7085,
297.1222, 296.1544

■ 0.0000, 0.0000,
0.0000

■ 30.7511, 41.8455,
38.3545

■ 30.7511, 41.8455,
38.3545

■ 27.9700, 40.4862,
34.9136

■ 34.0750, 43.4821,
42.0372

■ 25.6963, 39.3827,
31.7063

■ 37.9677, 45.4060,
45.9639

■ 23.8954, 38.5183,
28.7277


■ 42.4574, 47.6327,
50.1407


■ 22.5267, 37.8724,
25.9719


■ 47.5696, 50.1754,
54.5723


■ 21.5426, 37.4202,
23.4323


■ 53.3281, 53.0461,
59.2634

 20.8706, 37.1226,
21.1952

 59.7556, 56.2566,
64.2184

 66.8734, 59.8177,
69.4418

 71.9251, 62.3084,
74.8079

 72.9544, 62.7201,
80.2282

Harmonies

Analogous

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



33.0335, 41.8455, 27.8787



30.7511, 41.8455, 38.3545



30.7362, 41.8455, 53.4118

Triad

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



30.7511, 41.8455, 38.3545



42.4267, 41.8455, 79.8829



47.4259, 41.8455, 27.9783

Complementary

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



30.7511, 41.8455, 38.3545



31.4925, 24.2639, 29.0118

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.



50.4270, 41.8455, 38.5228



30.7511, 41.8455, 38.3545



47.3717, 41.8455, 69.4830

Square

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



30.7511, 41.8455, 38.3545



37.1692, 41.8455, 79.8095



50.4063, 41.8455, 53.6216



42.4954, 41.8455, 22.8547

Rectangle

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



30.7511, 41.8455, 38.3545



32.0000, 41.8455, 64.2736



50.4063, 41.8455, 53.6216



48.7124, 41.8455, 30.8888

Sweetspot

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



30.7523, 41.8472, 38.3555



75.4228, 85.5680, 89.4950



32.3526, 43.0374, 21.9317



15.9837, 18.2840, 19.0304



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.7523, 41.8472, 38.3555



50.9762, 73.5120, 63.6495



32.4203, 40.3968, 53.6676



9.6394, 10.7419, 11.3505



14.2468, 25.2890, 14.6283



0.5898, 1.0033, 0.7399

Inverse Universe

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



31.4925, 24.2639, 29.0118



52.5192, 37.0526, 44.3149



30.1827, 24.8977, 18.5448



9.6871, 9.5992, 10.7415



15.0597, 7.6550, 5.6079



0.6225, 0.3129, 0.3911

Previews

White Background



This preview shows how the XYZ color 30.7511, 41.8455, 38.3545 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 30.7511, 41.8455, 38.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

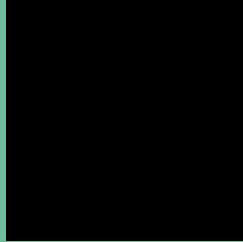
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7511, 41.8455, 38.3545

Background



This preview shows how black text looks on a background with the XYZ color 30.7511, 41.8455, 38.3545.

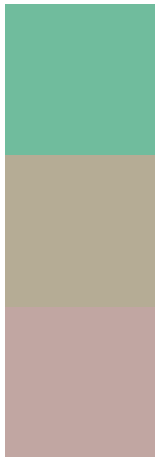


This preview shows how white text looks on a background with the XYZ color 30.7511, 41.8455,

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

30.7511, 41.8455, 38.3545

Protanopia

39.2334, 41.4987, 34.3760

Deuteranopia

42.1501, 41.2185, 39.9168



Tritanopia

34.8320, 41.6247, 59.0218

Trichromacy



Original Color

30.7511, 41.8455, 38.3545

Protanomaly

35.2982, 41.1757, 35.7931

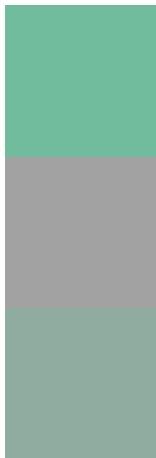
Deuteranomaly

36.7911, 40.7027, 39.1750

Tritanomaly

33.0552, 41.5099, 50.5260

Monochromacy



Original Color

30.7511, 41.8455, 38.3545

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.4097, 37.5932, 38.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7511, 41.8455, 38.3545 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(112, 188, 157)` looks like.

```
.text, #text, p{  
    color:rgb(112, 188, 157)  
}
```

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(112, 188, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 188, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.7511, 41.8455, 38.3545 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(112, 188, 157) }
```


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

```
.border{ border-color:rgb(112, 188, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 188, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 188, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 188, 157);  
box-shadow:4px 4px 4px 4px rgb(112, 188,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7511, 41.8455, 38.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 188, 157) }
```

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

```
.background{ background-color: rgb(112,  
188, 157) }
```

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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