

Converting Colors

XYZ(30.3187, 39.7294, 45.9316)

Have a look what the booklet for
XYZ(30.3187, 39.7294, 45.9316)
contains.

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Color

**XYZ(30.3118, 39.5761,
46.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB6AE
RGB	106, 182, 174
RGB Percent	42%, 71%, 68%
CMY	0.5843, 0.2863, 0.3176
CMYK	0.42, 0.00, 0.04, 0.29
HSL	174°, 34%, 56%
HSV	174°, 42%, 71%
XYZ	30.3118, 39.5761, 46.0857
YIQ	158.3640, -42.7280, -18.6000

Conversions

Conversions Part 2

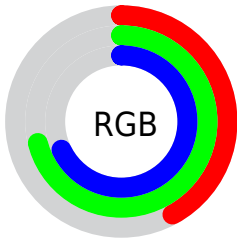
Format	Color
RYB	106, 146, 182
Decimal	6993582
CIELab	69.17, -25.49, -3.32
CIElCh	69, 25.705, 187.432
Yxy	39.5761, 0.2614, 0.3413
Android (android.graphics.Color)	4285183662 (0xFF6AB6AE)
YUV	158.3640, 7.7085, -45.9232
Hunter-Lab	62.9095, -24.0848, 0.6025

Details

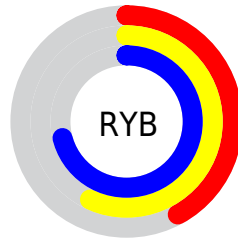
The XYZ color **30.3118, 39.5761, 46.0857** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.4841, 21.4692, 18.6165**, and the grayscale version is **32.6456, 34.3457, 37.4025**.

A 20% lighter version of the original color is **59.4153, 74.3833, 85.3546**, and **12.7283, 17.8095, 21.1791** is the 20% darker color. If you saturate the color by 10%, you get **28.1890, 38.5042, 45.0188**, and if you desaturate by 10%, it is **32.8985, 40.8888, 47.1899**.

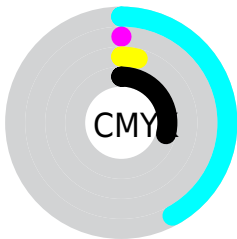
Distribution



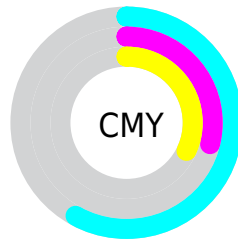
- Red (42%)
- Green (71%)
- Blue (68%)



- Red (42%)
- Yellow (57%)
- Blue (71%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3118, 39.5761, 46.0857 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 30.3118, 39.5761, 46.0857 by changing the saturation by 10% instead.

■ 30.3118, 39.5761,
46.0857

■ 30.3118, 39.5761,
46.0857

295.2389,
344.3336, 387.4407

■ 20.2246, 27.2082,
31.9643

■ 59.5382, 74.5176,
85.6829

■ 12.6676, 17.7296,
21.0696

■ 79.4081, 97.8599,
111.9957

■ 7.2755, 10.7561,
12.9832

■ 103.2696,
125.6292, 143.2095

■ 3.6828, 5.9030,
7.2864

■ 131.4881,
158.2099, 179.7427

■ 1.5243, 2.7862,
3.5607

164.4289,
195.9862, 222.0139

■ 0.3423, 1.0212,
1.3876

202.4574,

■ 0.0000, 0.0000,

239.3427, 270.4416

0.1320

245.9390,
288.6637, 325.4443

■ 0.0000, 0.0000,
0.0000

■ 30.3118, 39.5761,
46.0857

■ 30.3118, 39.5761,
46.0857

■ 28.1890, 38.5042,
45.0188

■ 32.8985, 40.8888,
47.1899

■ 26.4975, 37.6533,
43.9851

■ 35.9726, 42.4515,
48.3301

■ 25.2056, 37.0081,
42.9839


■ 39.5597, 44.2784,
49.5083


■ 24.2761, 36.5495,
42.0134


■ 43.6829, 46.3813,
50.7256


■ 23.6645, 36.2544,
41.0715


■ 48.3639, 48.7714,
51.9833

 23.3252, 36.0959,
40.3131

 53.6230, 51.4593,
53.2821

 59.4796, 54.4549,
54.6232

 65.9522, 57.7677,
56.0074

 67.3999, 58.4898,
57.1708

Harmonies

Analogous

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



30.7807, 39.5761, 34.9769



30.3118, 39.5761, 46.0857



31.6836, 39.5761, 58.3625

Triad

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



30.3118, 39.5761, 46.0857



42.6262, 39.5761, 63.6758



40.7307, 39.5761, 25.3901

Complementary

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



30.3118, 39.5761, 46.0857



27.4841, 21.4692, 18.6165

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.



44.2460, 39.5761, 30.7480



30.3118, 39.5761, 46.0857



45.3947, 39.5761, 52.3734

Square

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



30.3118, 39.5761, 46.0857



38.6473, 39.5761, 69.6529



46.0081, 39.5761, 40.2302



36.6030, 39.5761, 24.3212

Rectangle

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



30.3118, 39.5761, 46.0857



33.5206, 39.5761, 65.1157



46.0081, 39.5761, 40.2302



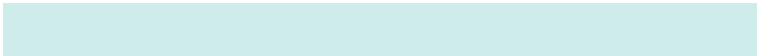
42.0319, 39.5761, 26.6950

Sweetspot

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



30.3129, 39.5777, 46.0866



70.7078, 79.7580, 89.4377



26.3834, 38.1340, 19.6065



15.2888, 17.4488, 19.6491



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.3129, 39.5777, 46.0866



51.4221, 69.9652, 81.7893



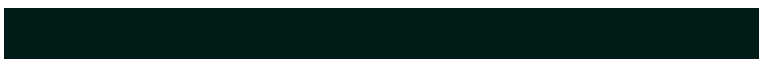
25.7580, 29.1818, 48.5328



9.2248, 10.1939, 11.3413



16.4859, 25.4953, 28.5442



0.5930, 0.9035, 1.0683

Inverse Universe

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



27.4841, 21.4692, 18.6165



45.6223, 32.7634, 25.4134



30.5769, 28.3522, 17.4974



9.0420, 9.0272, 9.5687



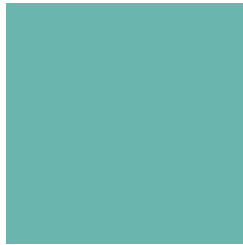
13.7198, 7.0617, 1.1451



0.4964, 0.2541, 0.1077

Previews

White Background



This preview shows how the XYZ color 30.3118, 39.5761, 46.0857 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 30.3118, 39.5761, 46.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

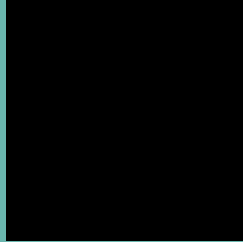
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3118, 39.5761, 46.0857

Background



This preview shows how black text looks on a background with the XYZ color 30.3118, 39.5761, 46.0857.

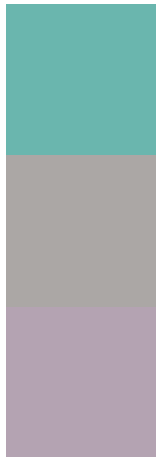


This preview shows how white text looks on a background with the XYZ color 30.3118, 39.5761,

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

30.3118, 39.5761, 46.0857

Protanopia

37.4048, 39.0120, 41.1559

Deuteranopia

39.9555, 39.1120, 47.5630



Tritanopia

32.4132, 39.5147, 56.9577

Trichromacy



Original Color

30.3118, 39.5761, 46.0857

Protanomaly

33.8530, 38.5352, 42.6996

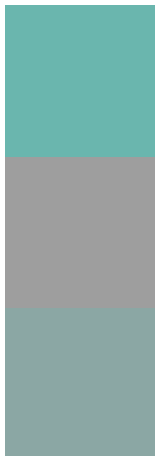
Deuteranomaly

35.4474, 38.6961, 47.1958

Tritanomaly

31.5976, 39.4816, 52.9690

Monochromacy



Original Color

30.3118, 39.5761, 46.0857

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.1670, 35.8067, 40.3907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3118, 39.5761, 46.0857 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(106, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(106, 182, 174)  
}
```

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(106, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 182, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.3118, 39.5761, 46.0857 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(106, 182, 174) }
```


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

```
.border{ border-color:rgb(106, 182, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 182, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 182, 174);  
box-shadow:4px 4px 4px 4px rgb(106, 182,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3118, 39.5761, 46.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 182, 174) }
```

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

```
.background{ background-color: rgb(106,  
182, 174) }
```

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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