

Converting Colors

XYZ(30.5935, 38.3967, 46.0030)

Have a look what the booklet for
XYZ(30.5935, 38.3967, 46.0030)
contains.

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Color

**XYZ(30.6306, 38.5416,
45.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	73B2AE
RGB	115, 178, 174
RGB Percent	45%, 70%, 68%
CMY	0.5490, 0.3019, 0.3176
CMYK	0.35, 0.00, 0.02, 0.30
HSL	176°, 29%, 57%
HSV	176°, 35%, 70%
XYZ	30.6306, 38.5416, 45.8693
YIQ	158.7070, -36.2640, -14.6000

Conversions

Conversions Part 2

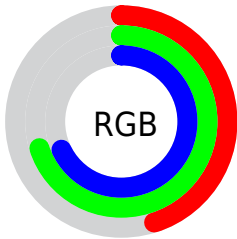
Format	Color
RYB	115, 148, 178
Decimal	7582382
CIELab	68.42, -21.07, -4.38
CIELCh	68, 21.520, 191.745
Yxy	38.5416, 0.2663, 0.3350
Android (android.graphics.Color)	4285772462 (0xFF73B2AE)
YUV	158.7070, 7.5394, -38.3310
Hunter-Lab	62.0819, -20.5731, -0.3492

Details

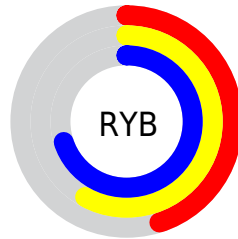
The XYZ color **30.6306, 38.5416, 45.8693** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.8219, 23.0594, 20.4387**, and the grayscale version is **32.8003, 34.5085, 37.5797**.

A 20% lighter version of the original color is **59.9279, 72.9378, 85.0486**, and **12.8331, 17.0965, 21.0359** is the 20% darker color. If you saturate the color by 10%, you get **28.4027, 37.4067, 45.1928**, and if you desaturate by 10%, it is **33.3137, 39.9129, 46.5736**.

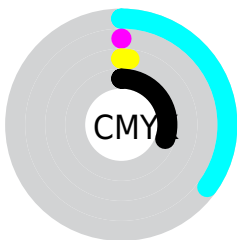
Distribution



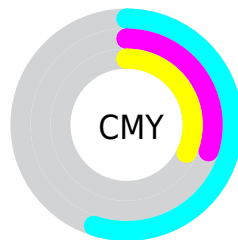
- Red (45%)
- Green (70%)
- Blue (68%)



- Red (45%)
- Yellow (58%)
- Blue (70%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)





- Cyan (55%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6306, 38.5416, 45.8693 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 30.6306, 38.5416, 45.8693 by changing the saturation by 10% instead.


 30.6306, 38.5416,
45.8693


 30.6306, 38.5416,
45.8693


296.6902,
339.9376, 386.5452


 20.4682, 26.4033,
31.7948


 60.0378, 72.9375,
85.3556

 12.8460, 17.1256,
20.9413


 80.0133, 95.9639,
111.6044

 7.3989, 10.3241,
12.8903


 103.9906,
123.3885, 142.7484

 3.7613, 5.6144,
7.2232

132.3349,
155.5956, 179.2062

 1.5680, 2.6120,
3.5215

165.4117,
192.9697, 221.3962

 0.3714, 0.9327,
1.3667

203.5862,

 0.0000, 0.0000,

235.8951, 269.7370

0.1155

247.2240,
284.7563, 324.6472

■ 0.0000, 0.0000,
0.0000

■ 30.6306, 38.5416,
45.8693

■ 30.6306, 38.5416,
45.8693

■ 28.4027, 37.4067,
45.1928

■ 33.3137, 39.9129,
46.5736

■ 26.6005, 36.4902,
44.5402

■ 36.4725, 41.5285,
47.3042

■ 25.1962, 35.7788,
43.9111

■ 40.1306, 43.4013,
48.0631

■ 24.1577, 35.2557,
43.3039

■ 44.3089, 45.5422,
48.8511

■ 23.4474, 34.9018,
42.7168

■ 49.0271, 47.9613,
49.6693

■ 23.0188, 34.6931,
42.1477

■ 54.3039, 50.6682,
50.5186

■ 22.8680, 34.6209,
41.8894

■ 60.1571, 53.6722,
51.3998

■ 65.7132, 56.5229,
52.2719

■ 65.8314, 56.5702,
52.8946

Harmonies

Analogous

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



30.8005, 38.5416, 36.4003



30.6306, 38.5416, 45.8693



31.9941, 38.5416, 55.6187

Triad

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



30.6306, 38.5416, 45.8693



41.1327, 38.5416, 57.4419



38.7066, 38.5416, 26.6540

Complementary

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



30.6306, 38.5416, 45.8693



27.8219, 23.0594, 20.4387

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.



41.6991, 38.5416, 30.7519



30.6306, 38.5416, 45.8693



43.1581, 38.5416, 48.0703

Square

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



30.6306, 38.5416, 45.8693



37.9716, 38.5416, 62.9549



43.3716, 38.5416, 38.2893



35.3255, 38.5416, 26.2518

Rectangle

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



30.6306, 38.5416, 45.8693



33.6411, 38.5416, 60.5893



43.3716, 38.5416, 38.2893



39.7964, 38.5416, 27.6119

Sweetspot

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



30.6317, 38.5431, 45.8702



68.8134, 76.6757, 86.3519



26.6513, 37.0162, 21.9606



15.0533, 16.8890, 19.0908



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.6317, 38.5431, 45.8702



52.5045, 68.3415, 82.2741



26.1256, 28.8972, 46.3219



8.7189, 9.6220, 10.7793



16.3705, 24.7742, 30.0175



0.5220, 0.7823, 0.9811

Inverse Universe

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



27.8219, 23.0594, 20.4387



46.6930, 36.2942, 29.6580



31.1736, 30.1395, 20.3949



8.5175, 8.5137, 8.9577



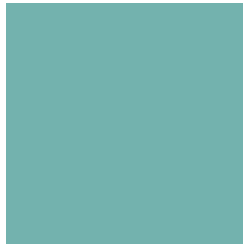
13.1901, 6.7936, 0.8952



0.4222, 0.2166, 0.0661

Previews

White Background



This preview shows how the XYZ color 30.6306, 38.5416, 45.8693 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 30.6306, 38.5416, 45.8693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

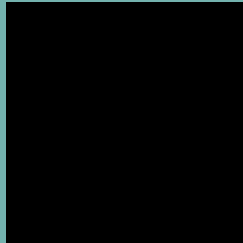
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6306, 38.5416, 45.8693

Background



This preview shows how black text looks on a background with the XYZ color 30.6306, 38.5416, 45.8693.

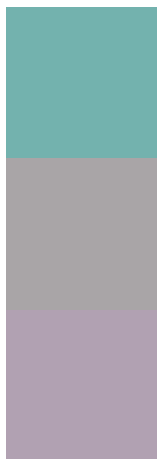


This preview shows how white text looks on a background with the XYZ color 30.6306, 38.5416,

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

30.6306, 38.5416, 45.8693

Protanopia

36.7924, 38.1353, 41.9809

Deuteranopia

38.9122, 38.0512, 47.4132



Tritanopia

32.4273, 38.6903, 54.4741

Trichromacy



Original Color

30.6306, 38.5416, 45.8693

Protanomaly

34.0249, 38.0413, 43.5796

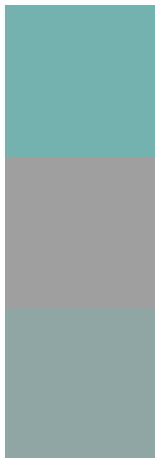
Deuteranomaly

35.0810, 37.6818, 47.0193

Tritanomaly

31.8451, 38.7565, 51.1497

Monochromacy



Original Color

30.6306, 38.5416, 45.8693

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6648, 35.7924, 40.3617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6306, 38.5416, 45.8693 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(115, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(115, 178, 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(115, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 178, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.6306, 38.5416, 45.8693 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(115, 178, 174) }
```


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

```
.border{ border-color:rgb(115, 178, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 178, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(115, 178,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6306, 38.5416, 45.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 178, 174) }
```

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

```
.background{ background-color: rgb(115,  
178, 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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