

Converting Colors

XYZ(30.4052, 36.9700, 45.1455)

Have a look what the booklet for
XYZ(30.4052, 36.9700, 45.1455)
contains.

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Color

**XYZ(30.3716, 36.9692,
45.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	79ADAD
RGB	121, 173, 173
RGB Percent	47%, 68%, 68%
CMY	0.5255, 0.3216, 0.3216
CMYK	0.30, 0.00, 0.00, 0.32
HSL	180°, 24%, 58%
HSV	180°, 30%, 68%
XYZ	30.3716, 36.9692, 45.0702
YIQ	157.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

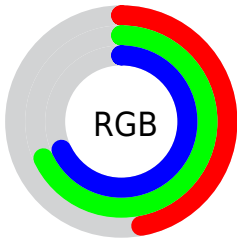
Format	Color
RYB	121, 147, 173
Decimal	7974317
CIELab	67.25, -17.02, -5.51
CIElCh	67, 17.891, 197.942
Yxy	36.9692, 0.2702, 0.3289
Android (android.graphics.Color)	4286164397 (0xFF79ADAD)
YUV	157.4520, 7.6652, -31.9684
Hunter-Lab	60.8023, -17.2408, -1.3876

Details

The XYZ color **30.3716, 36.9692, 45.0702** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.5235, 23.9406, 21.2611**, and the grayscale version is **32.2289, 33.9073, 36.9250**.

A 20% lighter version of the original color is **59.7021, 70.7540, 83.9090**, and **12.7428, 16.3204, 20.5677** is the 20% darker color. If you saturate the color by 10%, you get **28.1615, 35.8308, 44.9672**, and if you desaturate by 10%, it is **33.0187, 38.3347, 45.1952**.

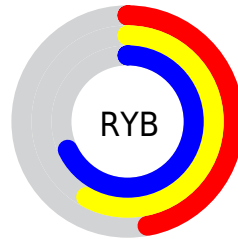
Distribution



Red (47%)

Green (68%)

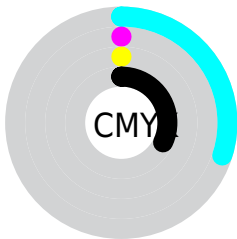
Blue (68%)



Red (47%)

Yellow (58%)

Blue (68%)

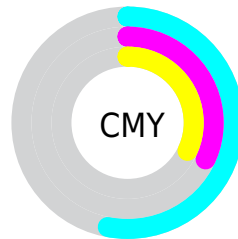


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3716, 36.9692, 45.0702 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 30.3716, 36.9692, 45.0702 by changing the saturation by 10% instead.

■ 30.3716, 36.9692,
45.0702

■ 30.3716, 36.9692,
45.0702

295.5116,
333.1772, 383.2262

■ 20.2703, 25.1836,
31.1694

■ 59.6319, 70.5254,
84.1453

■ 12.7011, 16.2139,
20.4683

■ 79.5217, 93.0649,
110.1567

■ 7.2986, 9.6757,
12.5485

■ 103.4050,
119.9577, 141.0420

■ 3.6975, 5.1844,
6.9913

131.6471,
151.5884, 177.2197

■ 1.5325, 2.3559,
3.3783

164.6135,
188.3413, 219.1085

■ 0.3478, 0.8031,
1.2909

202.6695,

■ 0.0000, 0.0000,

230.6008, 267.1268

0.0543

246.1804,
278.7513, 321.6932

■ 0.0000, 0.0000,
0.0000

■ 30.3716, 36.9692,
45.0702

■ 30.3716, 36.9692,
45.0702

■ 28.1615, 35.8308,
44.9672

■ 33.0187, 38.3347,
45.1952

■ 26.3619, 34.9031,
44.8827

■ 36.1209, 39.9340,
45.3407

■ 24.9484, 34.1744,
44.8162

■ 39.6996, 41.7789,
45.5085

■ 23.8929, 33.6302,
44.7665

■ 43.7736, 43.8791,
45.6995

■ 23.1632, 33.2541,
44.7321

■ 48.3607, 46.2438,
45.9145

■ 22.7215, 33.0264,
44.7111

■ 53.4780, 48.8819,
46.1543

■ 22.4867, 32.9054,
44.6998

■ 59.1416, 51.8015,
46.4196

■ 63.7276, 54.1657,
46.6346

■ 63.7277, 54.1657,
46.6349

Harmonies

Analogous

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



30.2451, 36.9692, 37.1901



30.3716, 36.9692, 45.0702



31.7338, 36.9692, 52.4944

Triad

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



30.3716, 36.9692, 45.0702



39.1864, 36.9692, 51.2010



36.2474, 36.9692, 27.2551

Complementary

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



30.3716, 36.9692, 45.0702



27.5235, 23.9406, 21.2611

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.



38.7776, 36.9692, 30.0802



30.3716, 36.9692, 45.0702



40.5323, 36.9692, 43.4799

Square

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



30.3716, 36.9692, 45.0702



36.7821, 36.9692, 56.3376



40.3789, 36.9692, 35.7922



33.5438, 36.9692, 27.5646

Rectangle

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



30.3716, 36.9692, 45.0702



33.2012, 36.9692, 55.8764



40.3789, 36.9692, 35.7922



37.1490, 36.9692, 27.8528

Sweetspot

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



30.3727, 36.9707, 45.0710



65.2299, 71.7963, 81.2253



26.4031, 35.3970, 23.5308



13.9919, 15.5081, 17.6435



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.3727, 36.9707, 45.0710



51.7064, 64.8247, 80.5909



25.9982, 28.2214, 43.6138



8.2364, 9.0721, 10.2696



16.5192, 24.1729, 32.8374



0.4595, 0.6725, 0.9135

Inverse Universe

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



27.5235, 23.9406, 21.2611



45.7847, 37.7437, 31.1052



30.9856, 30.8650, 22.4145



8.0053, 8.0154, 8.3386



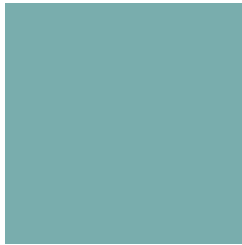
12.6607, 6.5268, 0.5927



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 30.3716, 36.9692, 45.0702 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 30.3716, 36.9692, 45.0702 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 30.3716, 36.9692, 45.0702

Background



This preview shows how black text looks on a background with the XYZ color 30.3716, 36.9692, 45.0702.

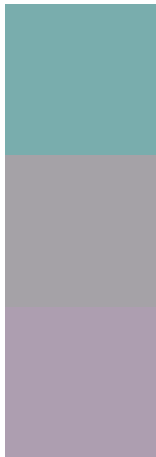


This preview shows how white text looks on a background with the XYZ color 30.3716, 36.9692,

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

30.3716, 36.9692, 45.0702

Protanopia

35.4124, 36.6300, 41.7631

Deuteranopia

37.2969, 36.4725, 46.1484



Tritanopia

31.6320, 36.9137, 51.3568

Trichromacy



Original Color

30.3716, 36.9692, 45.0702

Protanomaly

33.1921, 36.5266, 42.8370

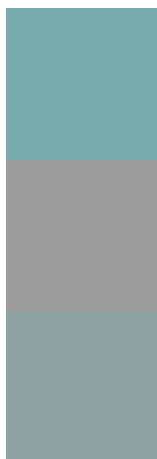
Deuteranomaly

34.1615, 36.1596, 45.7364

Tritanomaly

31.2614, 37.0522, 49.2202

Monochromacy



Original Color

30.3716, 36.9692, 45.0702

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.2097, 34.7680, 39.7163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3716, 36.9692, 45.0702 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(121, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 173)  
}
```

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(121, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.3716, 36.9692, 45.0702 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(121, 173, 173) }
```


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

```
.border{ border-color:rgb(121, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3716, 36.9692, 45.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 173) }
```

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

```
.background{ background-color: rgb(121,  
173, 173) }
```

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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