

Converting Colors

XYZ(30.0751, 36.7253, 40.3956)

Have a look what the booklet for
XYZ(30.0751, 36.7253, 40.3956)
contains.

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Color

**XYZ(30.0575, 36.6210,
40.6063)**

Conversions

Conversions Part 1

Format	Color
Hex	7EACA4
RGB	126, 172, 164
RGB Percent	49%, 67%, 64%
CMY	0.5059, 0.3255, 0.3569
CMYK	0.27, 0.00, 0.05, 0.33
HSL	170°, 22%, 58%
HSV	170°, 27%, 67%
XYZ	30.0575, 36.6210, 40.6063
YIQ	157.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

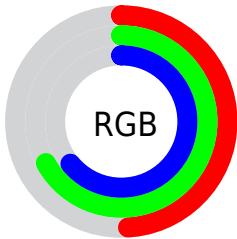
Format	Color
RYB	126, 151, 172
Decimal	8301732
CIELab	66.99, -17.07, -0.87
CIELCh	67, 17.095, 182.919
Yxy	36.6210, 0.2802, 0.3413
Android (android.graphics.Color)	4286491812 (0xFF7EACA4)
YUV	157.3340, 3.2863, -27.4799
Hunter-Lab	60.5153, -17.2421, 2.5766

Details

The XYZ color **30.0575, 36.6210, 40.6063** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7784, 25.4145, 25.9443**, and the grayscale version is **32.1927, 33.8692, 36.8836**.

A 20% lighter version of the original color is **59.0777, 69.7559, 77.3684**, and **12.5428, 16.0986, 17.7755** is the 20% darker color. If you saturate the color by 10%, you get **27.4693, 35.3185, 39.0918**, and if you desaturate by 10%, it is **33.0903, 38.1538, 42.1764**.

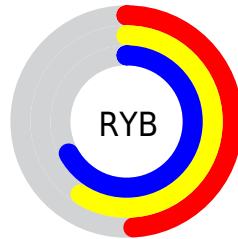
Distribution



Red (49%)

Green (67%)

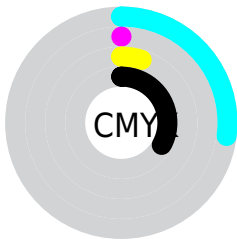
Blue (64%)



Red (49%)

Yellow (59%)

Blue (67%)

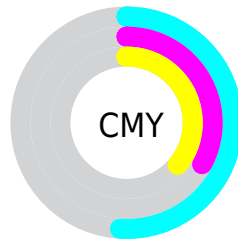


Cyan (27%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0575, 36.6210, 40.6063 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 30.0575, 36.6210, 40.6063 by changing the saturation by 10% instead.

 30.0575, 36.6210,
40.6063


 30.0575, 36.6210,
40.6063


294.0774,
331.6667, 364.3002


 20.0305, 24.9142,
27.6942


 59.1391, 69.9895,
77.3330

 12.5256, 16.0131,
17.8582


 78.9244, 92.4200,
101.9848

 7.1775, 9.5334,
10.6799

 102.6933,
119.1938, 131.3868

 3.6206, 5.0907,
5.7406

130.8110,
150.6953, 165.9577

 1.4898, 2.3006,
2.6217

163.6429,
187.3090, 206.1159

 0.3189, 0.7740,
0.9036

201.5543,

 0.0000, 0.0000,

229.4192, 252.2800

0.0000

244.9107,
277.4103, 304.8686

■ 30.0575, 36.6210,
40.6063

■ 30.0575, 36.6210,
40.6063

■ 27.4693, 35.3185,
39.0918

■ 33.0903, 38.1538,
42.1764

■ 25.3001, 34.2304,
37.6291

■ 36.5853, 39.9232,
43.8007

■ 23.5267, 33.3456,
36.2177

■ 40.5629, 41.9407,
45.4812

■ 22.1222, 32.6502,
34.8560

■ 45.0414, 44.2156,
47.2190

■ 21.0563, 32.1287,
33.5425

■ 50.0383, 46.7570,
49.0152

■ 20.2941, 31.7630,
32.2753

■ 55.5700, 49.5734,
50.8707

■ 19.7855, 31.5274,
31.0517

■ 61.6523, 52.6728,
52.7864

■ 19.6419, 31.4619,
30.6612

■ 65.0636, 54.3945,
54.6118

■ 65.3895, 54.5249,
56.3278

Harmonies

Analogous

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



30.5504, 36.6210, 33.7153



30.0575, 36.6210, 40.6063



30.7840, 36.6210, 48.1561

Triad

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



30.0575, 36.6210, 40.6063



37.5902, 36.6210, 53.1144



37.1287, 36.6210, 28.4549

Complementary

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



30.0575, 36.6210, 40.6063



28.7784, 25.4145, 25.9443

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.



39.1664, 36.6210, 32.6006



30.0575, 36.6210, 40.6063



39.4420, 36.6210, 46.7405

Square

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



30.0575, 36.6210, 40.6063



35.0619, 36.6210, 55.9179



40.0325, 36.6210, 39.1506



34.5536, 36.6210, 27.2363

Rectangle

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



30.0575, 36.6210, 40.6063



31.8842, 36.6210, 52.3969



40.0325, 36.6210, 39.1506



37.9035, 36.6210, 29.5246

Sweetspot

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



30.0585, 36.6225, 40.6071



65.4296, 71.9478, 79.0392



28.4202, 36.1169, 25.2125



14.0089, 15.5293, 17.0819



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.



30.0585, 36.6225, 40.6071



51.6954, 65.0081, 72.0501



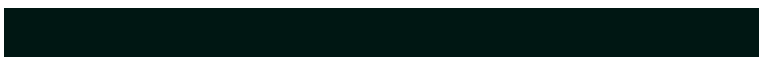
28.1820, 31.6762, 43.6603



8.1756, 9.0478, 9.9498



14.6340, 23.4189, 22.9102



0.4226, 0.6577, 0.7189

Inverse Universe

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



28.7784, 25.4145, 25.9443



48.9883, 41.2801, 41.0230



30.2414, 29.2003, 23.7815



8.0600, 8.0373, 8.6268



12.8490, 6.6022, 1.5845



0.3741, 0.1903, 0.1317

Previews

White Background



This preview shows how the XYZ color 30.0575, 36.6210, 40.6063 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 30.0575, 36.6210, 40.6063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

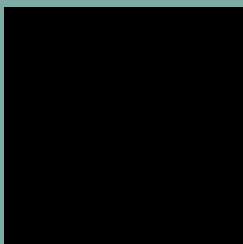
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

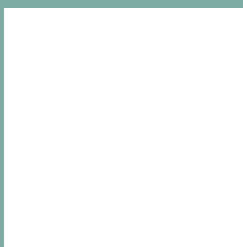
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0575, 36.6210, 40.6063

Background



This preview shows how black text looks on a background with the XYZ color 30.0575, 36.6210, 40.6063.

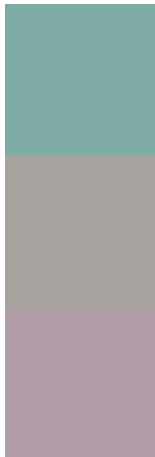


This preview shows how white text looks on a background with the XYZ color 30.0575, 36.6210,

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

30.0575, 36.6210, 40.6063

Protanopia

34.8178, 36.4163, 37.5417

Deuteranopia

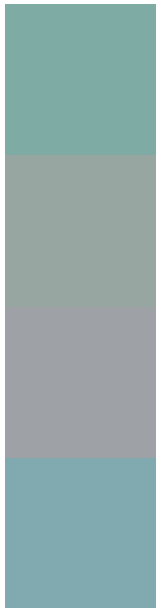
36.9365, 36.1341, 41.5870



Tritanopia

31.9411, 36.5407, 50.1693

Trichromacy



Original Color

30.0575, 36.6210, 40.6063

Protanomaly

32.7439, 36.3898, 38.5559

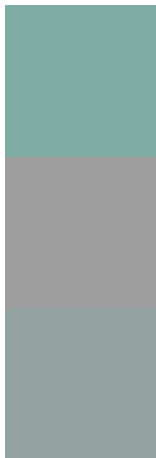
Deuteranomaly

33.9038, 35.8629, 41.2117

Tritanomaly

31.2645, 36.5512, 46.4816

Monochromacy



Original Color

30.0575, 36.6210, 40.6063

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.1196, 34.4897, 38.2747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0575, 36.6210, 40.6063 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(126, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(126, 172, 164)  
}
```

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(126, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 172, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.0575, 36.6210, 40.6063 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(126, 172, 164) }
```


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

```
.border{ border-color:rgb(126, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(126, 172,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0575, 36.6210, 40.6063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 172, 164) }
```

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

```
.background{ background-color: rgb(126,  
172, 164) }
```

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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