

Converting Colors

XYZ(30.3744, 37.2679, 38.8666)

Have a look what the booklet for
XYZ(30.3744, 37.2679, 38.8666)
contains.

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Color

**XYZ(30.3833, 37.3994,
38.8751)**

Conversions

Conversions Part 1

Format	Color
Hex	80AEA0
RGB	128, 174, 160
RGB Percent	50%, 68%, 63%
CMY	0.4980, 0.3176, 0.3725
CMYK	0.26, 0.00, 0.08, 0.32
HSL	162°, 22%, 59%
HSV	162°, 26%, 68%
XYZ	30.3833, 37.3994, 38.8751
YIQ	158.6500, -22.9220, -14.1060

Conversions

Conversions Part 2

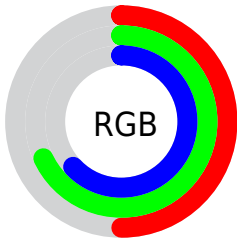
Format	Color
RYB	128, 155, 174
Decimal	8433312
CIELab	67.58, -18.36, 2.21
CIElCh	68, 18.496, 173.132
Yxy	37.3994, 0.2849, 0.3506
Android (android.graphics.Color)	4286623392 (0xFF80AEA0)
YUV	158.6500, 0.6655, -26.8801
Hunter-Lab	61.1550, -18.3382, 5.1190

Details

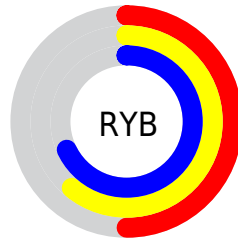
The XYZ color **30.3833, 37.3994, 38.8751** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0585, 26.3910, 29.1025**, and the grayscale version is **32.8003, 34.5084, 37.5797**.

A 20% lighter version of the original color is **59.8540, 71.4450, 74.9256**, and **12.6583, 16.3567, 16.9580** is the 20% darker color. If you saturate the color by 10%, you get **27.5339, 35.9839, 36.3749**, and if you desaturate by 10%, it is **33.7034, 39.0573, 41.5020**.

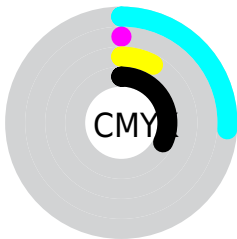
Distribution



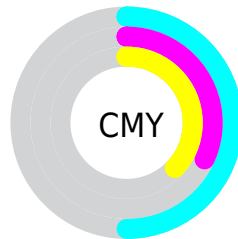
- Red (50%)
- Green (68%)
- Blue (63%)



- Red (50%)
- Yellow (61%)
- Blue (68%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)





- Cyan (50%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3833, 37.3994, 38.8751 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 30.3833, 37.3994, 38.8751 by changing the saturation by 10% instead.


 30.3833, 37.3994,
38.8751


 30.3833, 37.3994,
38.8751


295.5649,
335.0365, 356.7693


 20.2792, 25.5169,
26.3555


 59.6503, 71.1866,
74.6657

 12.7076, 16.4626,
16.8616


 79.5439, 93.8601,
98.7738

 7.3031, 9.8521,
9.9750


 103.4314,
120.8994, 127.5818

 3.7004, 5.3010,
5.2770

131.6782,
152.6889, 161.5082

 1.5341, 2.4249,
2.3491

164.6496,
189.6130, 200.9717

 0.3488, 0.8387,
0.7585

202.7109,

 0.0000, 0.0000,

232.0560, 246.3906

0.0000

246.2276,
280.4023, 298.1836

■ 30.3833, 37.3994,
38.8751

■ 30.3833, 37.3994,
38.8751

■ 27.5339, 35.9839,
36.3749

■ 33.7034, 39.0573,
41.5020

■ 25.1288, 34.7942,
33.9965

■ 37.5126, 40.9640,
44.2553

■ 23.1440, 33.8189,
31.7383

■ 41.8320, 43.1314,
47.1380

■ 21.5518, 33.0438,
29.5976

■ 46.6807, 45.5693,
50.1521

■ 20.3208, 32.4528,
27.5718

■ 52.0765, 48.2869,
53.2999

■ 19.4149, 32.0272,
25.6576

■ 58.0368, 51.2930,
56.5831

■ 18.7849, 31.7417,
23.8514

■ 64.5777, 54.5961,
60.0037

■ 18.5904, 31.6549,
23.2320

■ 67.0816, 55.8155,
63.3467

■ 67.7213, 56.0713,
66.7149

Harmonies

Analogous

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



31.3440, 37.3994, 32.0193



30.3833, 37.3994, 38.8751



30.7458, 37.3994, 47.1979

Triad

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



30.3833, 37.3994, 38.8751



37.7417, 37.3994, 56.9111



38.9343, 37.3994, 29.4205

Complementary

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



30.3833, 37.3994, 38.8751



30.0585, 26.3910, 29.1025

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.



40.8237, 37.3994, 34.8666



30.3833, 37.3994, 38.8751



40.1098, 37.3994, 50.8729

Square

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



30.3833, 37.3994, 38.8751



34.8963, 37.3994, 58.3585



41.2649, 37.3994, 42.6256



36.2058, 37.3994, 27.0528

Rectangle

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



30.3833, 37.3994, 38.8751



31.6990, 37.3994, 52.4109



41.2649, 37.3994, 42.6256



39.6944, 37.3994, 30.9140

Sweetspot

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



30.3844, 37.4009, 38.8759



66.7993, 73.6792, 79.4037



30.2863, 37.6333, 26.0903



14.6108, 16.2578, 17.4813



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.3844, 37.4009, 38.8759



51.8446, 66.2131, 67.7070



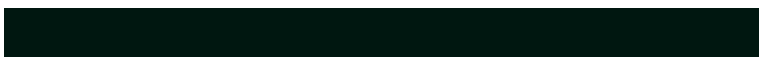
30.1008, 34.7618, 45.1695



8.1309, 9.0299, 9.7144



13.5104, 22.9694, 16.9933



0.3987, 0.6481, 0.5929

Inverse Universe

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



30.0585, 26.3910, 29.1025



51.1515, 42.6934, 46.8433



30.2184, 28.2888, 24.2902



8.1019, 8.0540, 8.8472



13.1498, 6.7224, 3.1681



0.3905, 0.1969, 0.2180

Previews

White Background



This preview shows how the XYZ color 30.3833, 37.3994, 38.8751 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 30.3833, 37.3994, 38.8751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

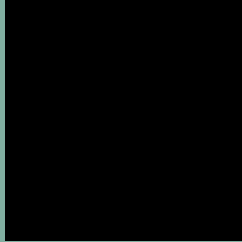
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3833, 37.3994, 38.8751

Background



This preview shows how black text looks on a background with the XYZ color 30.3833, 37.3994, 38.8751.



This preview shows how white text looks on a background with the XYZ color 30.3833, 37.3994,

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

30.3833, 37.3994, 38.8751

Protanopia

35.2921, 36.9625, 35.8462

Deuteranopia

37.8314, 37.1439, 39.8259



Tritanopia

32.6993, 37.1967, 50.8036

Trichromacy



Original Color

30.3833, 37.3994, 38.8751

Protanomaly

33.1459, 36.9078, 36.8294

Deuteranomaly

34.4950, 36.7366, 39.4552

Tritanomaly

31.6608, 37.0463, 46.0394

Monochromacy



Original Color

30.3833, 37.3994, 38.8751

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.7462, 35.3500, 37.9509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3833, 37.3994, 38.8751 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(128, 174, 160)` looks like.

```
.text, #text, p{  
    color:rgb(128, 174, 160)  
}
```

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(128, 174, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 174, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.3833, 37.3994, 38.8751 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(128, 174, 160) }
```


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

```
.border{ border-color:rgb(128, 174, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 174, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 174, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 174, 160);  
box-shadow:4px 4px 4px 4px rgb(128, 174,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3833, 37.3994, 38.8751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 174, 160) }
```

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

```
.background{ background-color: rgb(128,  
174, 160) }
```

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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