

Converting Colors

XYZ(30.8020, 37.3345, 38.8323)

Have a look what the booklet for
XYZ(30.8020, 37.3345, 38.8323)
contains.

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Color

**XYZ(30.8045, 37.3307,
38.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	84ADA0
RGB	132, 173, 160
RGB Percent	52%, 68%, 63%
CMY	0.4823, 0.3216, 0.3725
CMYK	0.24, 0.00, 0.08, 0.32
HSL	161°, 20%, 60%
HSV	161°, 24%, 68%
XYZ	30.8045, 37.3307, 38.8397
YIQ	159.2590, -20.2630, -12.7350

Conversions

Conversions Part 2

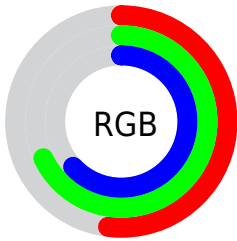
Format	Color
RYB	132, 156, 173
Decimal	8695200
CIELab	67.52, -16.57, 2.17
CIELCh	68, 16.711, 172.551
Yxy	37.3307, 0.2880, 0.3490
Android (android.graphics.Color)	4286885280 (0xFF84ADA0)
YUV	159.2590, 0.3653, -23.9061
Hunter-Lab	61.0989, -16.9278, 5.0794

Details

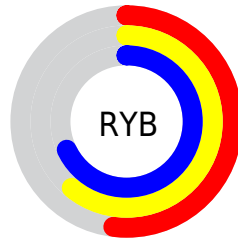
The XYZ color **30.8045, 37.3307, 38.8397** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.5970, 27.4322, 30.4721**, and the grayscale version is **33.0790, 34.8017, 37.8991**.

A 20% lighter version of the original color is **60.5348, 71.3840, 74.8780**, and **12.9910, 16.5282, 16.9736** is the 20% darker color. If you saturate the color by 10%, you get **27.8510, 35.8634, 36.2517**, and if you desaturate by 10%, it is **34.2299, 39.0409, 41.5619**.

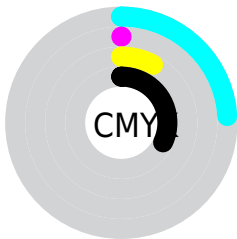
Distribution



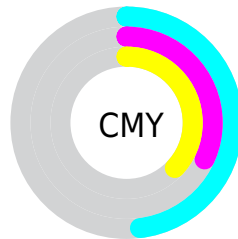
- Red (52%)
- Green (68%)
- Blue (63%)



- Red (52%)
- Yellow (61%)
- Blue (68%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (48%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8045, 37.3307, 38.8397 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 30.8045, 37.3307, 38.8397 by changing the saturation by 10% instead.

■ 30.8045, 37.3307,
38.8397

■ 30.8045, 37.3307,
38.8397

297.4796,
334.7401, 356.6141

■ 20.6011, 25.4636,
26.3282

■ 60.3101, 71.0811,
74.6110

■ 12.9435, 16.4228,
16.8413

■ 80.3430, 93.7333,
98.7079

■ 7.4664, 9.8238,
9.9607

■ 104.3831,
120.7492, 127.5036

■ 3.8044, 5.2823,
5.2676

132.7959,
152.5134, 161.4167

■ 1.5921, 2.4138,
2.3437

165.9465,
189.4102, 200.8658

■ 0.3872, 0.8330,
0.7555

204.2005,

■ 0.0000, 0.0000,

231.8239, 246.2694

0.0000

247.9230,
280.1391, 298.0459

■ 30.8045, 37.3307,
38.8397

■ 30.8045, 37.3307,
38.8397

■ 27.8510, 35.8634,
36.2517

■ 34.2299, 39.0409,
41.5619

■ 25.3440, 34.6228,
33.7930

■ 38.1450, 41.0000,
44.4182

■ 23.2602, 33.5980,
31.4619

■ 42.5702, 43.2196,
47.4118

■ 21.5730, 32.7753,
29.2555

■ 47.5243, 45.7093,
50.5447

■ 20.2526, 32.1393,
27.1712

■ 53.0246, 48.4780,
53.8191

■ 19.2649, 31.6726,
25.2056

■ 59.0878, 51.5344,
57.2372

■ 18.5689, 31.3541,
23.3554

■ 65.7301, 54.8866,
60.8008

■ 18.2227, 31.1998,
22.2455

■ 67.0702, 55.5028,
64.2361

■ 67.7395, 55.7706,
67.7610

Harmonies

Analogous

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



31.7019, 37.3307, 32.6353



30.8045, 37.3307, 38.8397



31.1114, 37.3307, 46.3186

Triad

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



30.8045, 37.3307, 38.8397



37.4105, 37.3307, 55.1659



38.5717, 37.3307, 30.4160

Complementary

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



30.8045, 37.3307, 38.8397



30.5970, 27.4322, 30.4721

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.



40.2433, 37.3307, 35.4579



30.8045, 37.3307, 38.8397



39.5506, 37.3307, 49.8725

Square

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



30.8045, 37.3307, 38.8397



34.8450, 37.3307, 56.3543



40.6099, 37.3307, 42.5091



36.1261, 37.3307, 28.1683

Rectangle

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



30.8045, 37.3307, 38.8397



31.9649, 37.3307, 50.9866



40.6099, 37.3307, 42.5091



39.2475, 37.3307, 31.8089

Sweetspot

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



30.8056, 37.3322, 38.8405



65.8121, 72.1736, 77.7695



30.9046, 37.6351, 27.4660



14.2149, 15.6411, 16.8378



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.



30.8056, 37.3322, 38.8405



52.5321, 65.5453, 67.3088



30.7263, 35.2572, 44.7227



8.1266, 9.0282, 9.6917



13.4135, 22.9307, 16.4828



0.3965, 0.6472, 0.5815

Inverse Universe

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



30.5970, 27.4322, 30.4721



52.1001, 44.9565, 49.9132



30.6082, 28.9683, 25.8088



8.1060, 8.0556, 8.8689



13.1882, 6.7378, 3.3704



0.3921, 0.1975, 0.2264

Previews

White Background



This preview shows how the XYZ color 30.8045, 37.3307, 38.8397 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 30.8045, 37.3307, 38.8397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

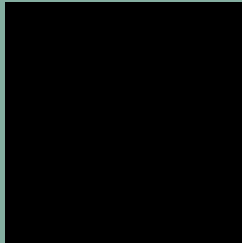
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8045, 37.3307, 38.8397

Background



This preview shows how black text looks on a background with the XYZ color 30.8045, 37.3307, 38.8397.

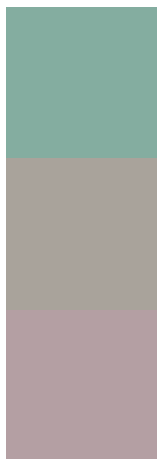


This preview shows how white text looks on a background with the XYZ color 30.8045, 37.3307,

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

30.8045, 37.3307, 38.8397

Protanopia

35.3758, 36.9960, 36.2868

Deuteranopia

37.8314, 37.1439, 39.8259



Tritanopia

33.2385, 37.4867, 50.2835

Trichromacy



Original Color

30.8045, 37.3307, 38.8397

Protanomaly

33.6148, 37.1397, 37.2953

Deuteranomaly

34.9013, 36.9461, 39.4742

Tritanomaly

32.2924, 37.3719, 46.0689

Monochromacy



Original Color

30.8045, 37.3307, 38.8397

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.9279, 35.4437, 37.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8045, 37.3307, 38.8397 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(132, 173, 160)` looks like.

```
.text, #text, p{  
    color:rgb(132, 173, 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(132, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 173, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.8045, 37.3307, 38.8397 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(132, 173, 160) }
```


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

```
.border{ border-color:rgb(132, 173, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 173, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 173, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 173, 160);  
box-shadow:4px 4px 4px 4px rgb(132, 173,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8045, 37.3307, 38.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 173, 160) }
```

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

```
.background{ background-color: rgb(132,  
173, 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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