

Converting Colors

XYZ(33.1876, 38.8665, 51.1002)

Have a look what the booklet for
XYZ(33.1876, 38.8665, 51.1002)
contains.

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Color

**XYZ(33.1876, 38.8665,
51.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	82AFB8
RGB	130, 175, 184
RGB Percent	51%, 69%, 72%
CMY	0.4902, 0.3137, 0.2784
CMYK	0.29, 0.05, 0.00, 0.28
HSL	190°, 28%, 62%
HSV	190°, 29%, 72%
XYZ	33.1876, 38.8665, 51.1002
YIQ	162.5710, -29.7090, -6.7410

Conversions

Conversions Part 2

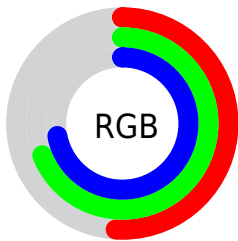
Format	Color
RYB	130, 155, 184
Decimal	8564664
CIELab	68.65, -12.80, -9.47
CIELCh	69, 15.924, 216.482
Yxy	38.8665, 0.2695, 0.3156
Android (android.graphics.Color)	4286754744 (0xFF82AFB8)
YUV	162.5710, 10.5645, -28.5648
Hunter-Lab	62.3430, -14.0778, -4.9577

Details

The XYZ color **33.1876, 38.8665, 51.1002** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.0294, 30.2674, 25.2212**, and the grayscale version is **34.5734, 36.3739, 39.6112**.

A 20% lighter version of the original color is **64.0713, 73.6334, 93.2738**, and **14.1982, 17.1775, 24.0400** is the 20% darker color. If you saturate the color by 10%, you get **30.0241, 36.3607, 50.7839**, and if you desaturate by 10%, it is **36.8717, 41.6627, 51.4464**.

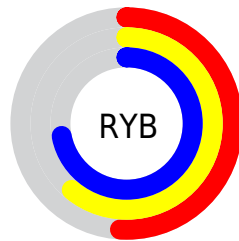
Distribution



Red (51%)

Green (69%)

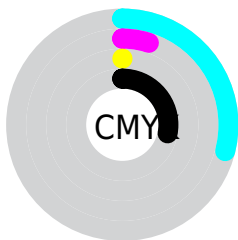
Blue (72%)



Red (51%)

Yellow (61%)

Blue (72%)

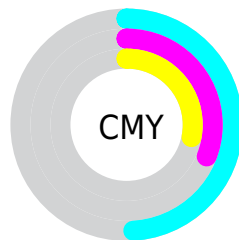


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1876, 38.8665, 51.1002 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 33.1876, 38.8665, 51.1002 by changing the saturation by 10% instead.

■ 33.1876, 38.8665,
51.1002

■ 33.1876, 38.8665,
51.1002

308.1443,
341.3226, 407.8106

■ 22.4301, 26.6559,
35.9111

■ 64.0210, 73.4343,
93.2159

■ 14.2917, 17.3150,
24.0764

■ 84.8277, 96.5603,
120.9795

■ 8.4069, 10.4593,
15.1776

■ 109.7148,
124.0936, 153.7718

■ 4.4104, 5.7045,
8.7961

139.0477,
156.4185, 192.0111

■ 1.9368, 2.6663,
4.5134

173.1917,
193.9195, 236.1161

■ 0.5981, 0.9601,
1.9110

212.5123,

■ 0.0000, 0.0000,

236.9809, 286.5054

0.4997

257.3747,
285.9871, 343.5974

■ 0.0000, 0.0000,
0.0000

■ 33.1876, 38.8665,
51.1002

■ 33.1876, 38.8665,
51.1002

■ 30.0241, 36.3607,
50.7839

■ 36.8717, 41.6627,
51.4464

■ 27.3506, 34.1267,
50.4936

■ 41.0979, 44.7576,
51.8210

■ 25.1389, 32.1505,
50.2287

■ 45.8907, 48.1649,
52.2261

■ 23.3563, 30.4152,
49.9878

■ 51.2720, 51.8962,
52.6627

■ 21.9656, 28.9015,
49.7689

■ 57.2626, 55.9622,
53.1318

■ 20.9230, 27.5868,
49.5701

■ 63.8823, 60.3732,
53.6343

■ 20.1470, 26.4288,
49.3874

■ 69.7368, 64.4107,
54.1050

■ 20.0991, 26.3553,
49.3758

■ 70.4377, 65.8124,
54.3386

■ 71.1527, 67.2425,
54.5770

Harmonies

Analogous

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



32.3413, 38.8665, 43.9020



33.1876, 38.8665, 51.1002



35.0449, 38.8665, 56.3325

Triad

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



33.1876, 38.8665, 51.1002



41.5559, 38.8665, 48.0903



36.3982, 38.8665, 29.9944

Complementary

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



33.1876, 38.8665, 51.1002



33.0294, 30.2674, 25.2212

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.



38.9052, 38.8665, 30.8466



33.1876, 38.8665, 51.1002



41.9583, 38.8665, 40.7746

Square

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



33.1876, 38.8665, 51.1002



39.8923, 38.8665, 54.4615



40.9682, 38.8665, 34.6063



34.1398, 38.8665, 32.1305

Rectangle

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



33.1876, 38.8665, 51.1002



36.6454, 38.8665, 57.7042



40.9682, 38.8665, 34.6063



37.2390, 38.8665, 29.9448

Sweetspot

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



33.1888, 38.8681, 51.1011



74.6609, 81.2501, 93.9524



30.9418, 40.8654, 30.3405



15.8421, 17.3329, 20.2322



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.1888, 38.8681, 51.1011



56.4768, 67.5630, 92.2689



28.5900, 29.6706, 49.5682



9.1359, 9.9490, 11.5183



13.8964, 18.2524, 34.0437



0.5241, 0.7119, 1.2115

Inverse Universe

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



35.4886, 29.2516, 44.3349



61.3784, 47.6600, 77.7152



37.2703, 38.7492, 26.6348



9.3149, 9.1363, 11.0058



17.6279, 8.6249, 21.7253



0.6387, 0.3110, 0.8569

Previews

White Background



This preview shows how the XYZ color 33.1876, 38.8665, 51.1002 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 33.1876, 38.8665, 51.1002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

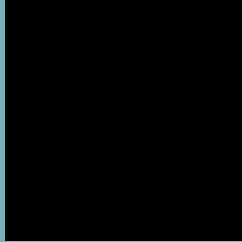
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1876, 38.8665, 51.1002

Background



This preview shows how black text looks on a background with the XYZ color 33.1876, 38.8665, 51.1002.



This preview shows how white text looks on a background with the XYZ color 33.1876, 38.8665,

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

33.1876, 38.8665, 51.1002

Protanopia

37.6084, 38.7023, 47.6076

Deuteranopia

39.5224, 38.7809, 52.4161



Tritanopia

33.5732, 38.7282, 53.2828

Trichromacy



Original Color

33.1876, 38.8665, 51.1002

Protanomaly

35.7526, 38.5412, 48.7349

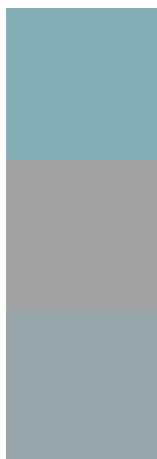
Deuteranomaly

36.7822, 38.4517, 51.9377

Tritanomaly

33.4658, 38.6853, 52.7169

Monochromacy



Original Color

33.1876, 38.8665, 51.1002

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9319, 37.1570, 43.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1876, 38.8665, 51.1002 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(130, 175, 184)` looks like.

```
.text, #text, p{  
    color:rgb(130, 175, 184)  
}
```

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(130, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 175, 184) }
```

Border

The CSS property to change the border of an element to XYZ 33.1876, 38.8665, 51.1002 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(130, 175, 184) }
```


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

```
.border{ border-color:rgb(130, 175, 184) }
```

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

Here you see how a box with a 4 pixel rgb(130, 175, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 175, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 175, 184);  
box-shadow:4px 4px 4px 4px rgb(130, 175,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1876, 38.8665, 51.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 175, 184) }
```

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

```
.background{ background-color: rgb(130,  
175, 184) }
```

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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