

Converting Colors

XYZ(33.2980, 34.9852, 48.3099)

Have a look what the booklet for
XYZ(33.2980, 34.9852, 48.3099)
contains.

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Color

**XYZ(33.2035, 34.8265,
48.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	95A0B4
RGB	149, 160, 180
RGB Percent	58%, 63%, 71%
CMY	0.4157, 0.3725, 0.2941
CMYK	0.17, 0.11, 0.00, 0.29
HSL	219°, 17%, 65%
HSV	219°, 17%, 71%
XYZ	33.2035, 34.8265, 48.1522
YIQ	158.9910, -12.9760, 3.8880

Conversions

Conversions Part 2

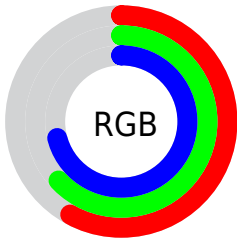
Format	Color
R_YB	149, 157, 180
Decimal	9806004
CIE Lab	65.61, 0.36, -11.66
CIE LCh	66, 11.668, 271.772
Yxy	34.8265, 0.2858, 0.2998
Android (android.graphics.Color)	4287996084 (0xFF95A0B4)
YUV	158.9910, 10.3574, -8.7621
Hunter-Lab	59.0140, -2.8436, -7.0676

Details

The XYZ color **33.2035, 34.8265, 48.1522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4355, 40.2492, 34.1777**, and the grayscale version is **32.9098, 34.6237, 37.7052**.

A 20% lighter version of the original color is **64.0694, 67.3535, 88.9806**, and **14.3364, 15.0663, 22.2311** is the 20% darker color. If you saturate the color by 10%, you get **28.2502, 29.4237, 47.3710**, and if you desaturate by 10%, it is **38.8546, 40.8699, 49.0214**.

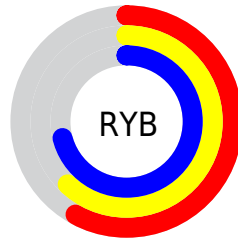
Distribution



Red (58%)

Green (63%)

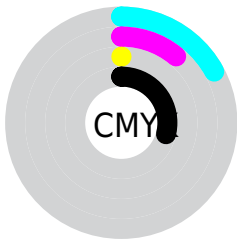
Blue (71%)



Red (58%)

Yellow (62%)

Blue (71%)

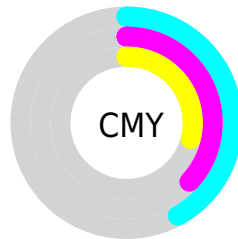


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2035, 34.8265, 48.1522 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 33.2035, 34.8265, 48.1522 by changing the saturation by 10% instead.

■ 33.2035, 34.8265,
48.1522

■ 33.2035, 34.8265,
48.1522

308.2145,
323.8019, 395.9212

■ 22.4424, 23.5293,
33.5866

■ 64.0457, 67.2169,
88.7989

■ 14.3007, 14.9848,
22.3014

■ 84.8574, 89.0788,
115.7170

■ 8.4132, 8.8087,
13.8781

109.7501,
115.2312, 147.5898

■ 4.4145, 4.6166,
7.8981

139.0890,
146.0582, 184.8356

■ 1.9392, 2.0241,
3.9430

173.2395,
181.9444, 227.8732

■ 0.5995, 0.6214,
1.5941

212.5671,

■ 0.0000, 0.0000,

223.2742, 277.1209

0.2866

257.4370,
270.4318, 332.9974

■ 0.0000, 0.0000,
0.0000

■ 33.2035, 34.8265,
48.1522

■ 33.2035, 34.8265,
48.1522

■ 28.2502, 29.4237,
47.3710

■ 38.8546, 40.8699,
49.0214

■ 23.9630, 24.6349,
46.6726

■ 45.2269, 47.5707,
49.9789

■ 20.3127, 20.4381,
46.0549

■ 52.3467, 54.9504,
51.0281

■ 17.2664, 16.8079,
45.5148

■ 60.2379, 63.0280,
52.1713

■ 14.7879, 13.7170,
45.0488

■ 68.9235, 71.8220,
53.4110

■ 12.8371, 11.1353,
44.6533

■ 77.6847, 80.9681,
54.7146

■ 11.3676, 9.0292,
44.3243

■ 81.0186, 87.6358,
55.8259

■ 10.3145, 7.3548,
44.0566

■ 84.5716, 94.7419,
57.0102

■ 10.0651, 6.9489,
43.9914

■ 85.2383, 96.0753,
57.2324

Harmonies

Analogous

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



31.5679, 34.8265, 46.8538



33.2035, 34.8265, 48.1522



34.8664, 34.8265, 46.5187

Triad

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



33.2035, 34.8265, 48.1522



35.9816, 34.8265, 33.1668



30.2834, 34.8265, 33.6310

Complementary

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



33.2035, 34.8265, 48.1522



38.4355, 40.2492, 34.1777

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.



31.3973, 34.8265, 30.4524



33.2035, 34.8265, 48.1522



34.6841, 34.8265, 30.2010

Square

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



33.2035, 34.8265, 48.1522



36.5042, 34.8265, 37.6292



32.9998, 34.8265, 29.2511



29.9172, 34.8265, 38.2126

Rectangle

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



33.2035, 34.8265, 48.1522



35.7571, 34.8265, 44.0622



32.9998, 34.8265, 29.2511



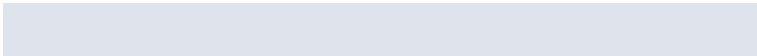
30.5808, 34.8265, 32.3772

Sweetspot

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



33.2046, 34.8279, 48.1530



72.8071, 76.5986, 89.2423



35.8435, 41.8836, 43.5518



15.5700, 16.3800, 19.2633



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.2046, 34.8279, 48.1530



56.3390, 58.9571, 86.7051



32.1485, 31.5763, 47.5810



8.2805, 8.7073, 10.7506



7.0829, 4.9662, 30.7223



0.2791, 0.2688, 0.9854

Inverse Universe

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



35.9159, 33.7372, 37.8783



62.3058, 56.7351, 64.0537



39.6211, 44.0276, 34.8446



8.6168, 8.5534, 9.4805



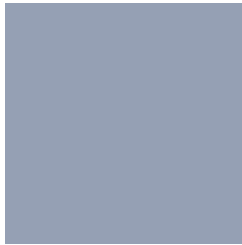
13.8098, 7.0415, 4.1583



0.4629, 0.2329, 0.2804

Previews

White Background



This preview shows how the XYZ color 33.2035, 34.8265, 48.1522 looks on a white background.

Color Contrast Check

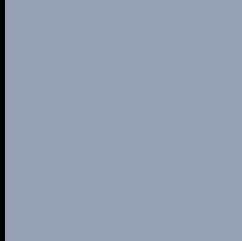
Large Text (above 18pt) WCAG AA × Fail

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 33.2035, 34.8265, 48.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

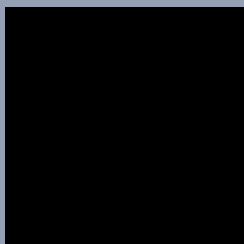
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

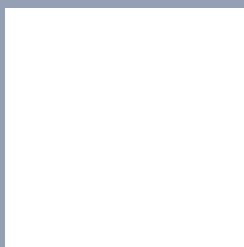
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2035, 34.8265, 48.1522

Background



This preview shows how black text looks on a background with the XYZ color 33.2035, 34.8265, 48.1522.



This preview shows how white text looks on a background with the XYZ color 33.2035, 34.8265,

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

33.2035, 34.8265, 48.1522

Protanopia

34.0738, 34.7763, 47.5644

Deuteranopia

35.3717, 34.6714, 48.5440



Tritanopia

32.5976, 34.8416, 45.0514

Trichromacy



Original Color

33.2035, 34.8265, 48.1522

Protanomaly

33.6717, 34.8233, 47.5947

Deuteranomaly

34.6955, 34.8211, 48.6085

Tritanomaly

32.7941, 34.9202, 46.0861

Monochromacy



Original Color

33.2035, 34.8265, 48.1522

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8908, 34.5549, 41.4954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2035, 34.8265, 48.1522 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(149, 160, 180)` looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 180)  
}
```

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(149, 160, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 180) }
```

Border

The CSS property to change the border of an element to XYZ 33.2035, 34.8265, 48.1522 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(149, 160, 180) }
```


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

```
.border{ border-color:rgb(149, 160, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 160, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 180);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2035, 34.8265, 48.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 180) }
```

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

```
.background{ background-color: rgb(149,  
160, 180) }
```

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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