

Converting Colors

XYZ(33.0287, 36.5199, 50.1030)

Have a look what the booklet for
XYZ(33.0287, 36.5199, 50.1030)
contains.

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Color

**XYZ(33.0134, 36.5453,
50.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA7B7
RGB	139, 167, 183
RGB Percent	55%, 65%, 72%
CMY	0.4549, 0.3451, 0.2823
CMYK	0.24, 0.09, 0.00, 0.28
HSL	202°, 23%, 63%
HSV	202°, 24%, 72%
XYZ	33.0134, 36.5453, 50.1137
YIQ	160.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

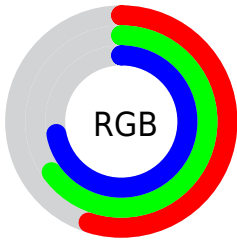
Format	Color
RYB	139, 156, 183
Decimal	9152439
CIELab	66.93, -6.01, -11.43
CIElCh	67, 12.909, 242.269
Yxy	36.5453, 0.2759, 0.3054
Android (android.graphics.Color)	4287342519 (0xFF8BA7B7)
YUV	160.4520, 11.1162, -18.8134
Hunter-Lab	60.4527, -8.3129, -6.8329

Details

The XYZ color **33.0134, 36.5453, 50.1137** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9103, 35.3741, 29.3621**, and the grayscale version is **33.5806, 35.3294, 38.4737**.

A 20% lighter version of the original color is **63.6936, 69.8120, 91.7794**, and **14.1845, 15.9479, 23.4497** is the 20% darker color. If you saturate the color by 10%, you get **29.0223, 32.7254, 49.5873**, and if you desaturate by 10%, it is **37.5809, 40.7573, 50.6866**.

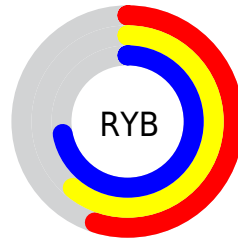
Distribution



Red (55%)

Green (65%)

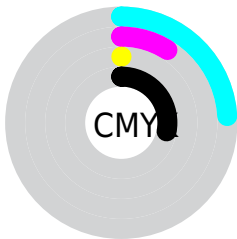
Blue (72%)



Red (55%)

Yellow (61%)

Blue (72%)

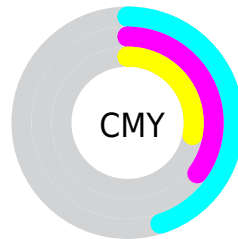


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (45%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0134, 36.5453, 50.1137 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 33.0134, 36.5453, 50.1137 by changing the saturation by 10% instead.

■ 33.0134, 36.5453,
50.1137

■ 33.0134, 36.5453,
50.1137

307.3740,
331.3377, 403.8582

■ 22.2960, 24.8556,
35.1319

■ 63.7510, 69.8729,
91.7414

■ 14.1924, 15.9695,
23.4802

■ 84.5019, 92.2796,
119.2243

■ 8.3372, 9.5026,
14.7398

■ 109.3280,
119.0275, 151.7114

■ 4.3651, 5.0704,
8.4924

138.5946,
150.5009, 189.6213

■ 1.9107, 2.2886,
4.3194

172.6672,
187.0842, 233.3723

■ 0.5830, 0.7677,
1.8021

211.9111,

■ 0.0000, 0.0000,

229.1619, 283.3831

0.4294

256.6916,
277.1182, 340.0722

■ 0.0000, 0.0000,
0.0000

■ 33.0134, 36.5453,
50.1137

■ 33.0134, 36.5453,
50.1137

■ 29.0223, 32.7254,
49.5873

■ 37.5809, 40.7573,
50.6866

■ 25.5780, 29.2782,
49.1035

■ 42.7461, 45.3710,
51.3049

■ 22.6529, 26.1890,
48.6614

■ 48.5333, 50.4010,
51.9707

■ 20.2157, 23.4402,
48.2593

■ 54.9641, 55.8600,
52.6855

■ 18.2314, 21.0122,
47.8952

■ 62.0594, 61.7600,
53.4503

■ 16.6596, 18.8828,
47.5670

■ 69.8389, 68.1122,
54.2664

■ 15.4520, 17.0254,
47.2722

■ 73.7277, 72.5596,
54.9199

■ 14.8463, 16.0169,
47.1094

■ 75.4419, 75.9880,
55.4913

■ 77.2256, 79.5554,
56.0859

Harmonies

Analogous

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



31.6495, 36.5453, 45.8274



33.0134, 36.5453, 50.1137



34.8844, 36.5453, 51.5612

Triad

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



33.0134, 36.5453, 50.1137



38.6327, 36.5453, 39.3665



32.7646, 36.5453, 31.3568

Complementary

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



33.0134, 36.5453, 50.1137



35.9103, 35.3741, 29.3621

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.



34.5864, 36.5453, 29.9650



33.0134, 36.5453, 50.1137



38.0153, 36.5453, 34.3106

Square

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



33.0134, 36.5453, 50.1137



38.1737, 36.5453, 45.0202



36.5159, 36.5453, 30.9942



31.5096, 36.5453, 34.9844

Rectangle

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



33.0134, 36.5453, 50.1137



36.1809, 36.5453, 50.6216



36.5159, 36.5453, 30.9942



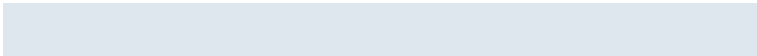
33.3286, 36.5453, 30.6282

Sweetspot

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



33.0145, 36.5468, 50.1145



73.5977, 78.6405, 91.5358



33.4478, 41.7031, 37.0342



16.1315, 17.2591, 20.2027



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.



33.0145, 36.5468, 50.1145



55.1164, 61.6487, 89.2302



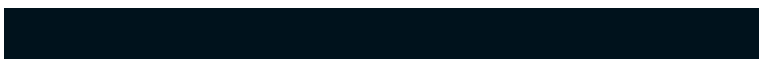
29.4128, 29.3433, 48.9140



8.9847, 9.6466, 11.4679



10.4239, 11.3075, 32.8862



0.4241, 0.5119, 1.1782

Inverse Universe

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



35.7370, 31.3234, 40.7234



60.9493, 50.9356, 69.0022



39.7932, 43.1398, 30.6564



9.2386, 9.1058, 10.6039



15.8752, 7.9238, 12.4955



0.5882, 0.2908, 0.5910

Previews

White Background



This preview shows how the XYZ color 33.0134, 36.5453, 50.1137 looks on a white background.

Color Contrast Check

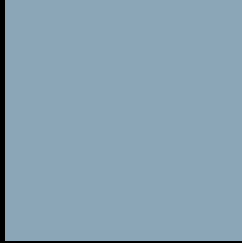
Large Text (above 18pt) WCAG AA × Fail

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 33.0134, 36.5453, 50.1137 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

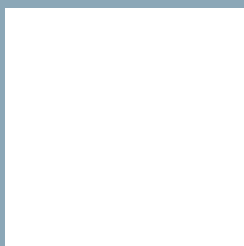
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0134, 36.5453, 50.1137

Background



This preview shows how black text looks on a background with the XYZ color 33.0134, 36.5453, 50.1137.



This preview shows how white text looks on a background with the XYZ color 33.0134, 36.5453,

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

33.0134, 36.5453, 50.1137

Protanopia

35.3788, 36.2180, 47.7739

Deuteranopia

37.1323, 36.2813, 50.9449



Tritanopia

32.8067, 36.4626, 49.0250

Trichromacy



Original Color

33.0134, 36.5453, 50.1137

Protanomaly

34.2843, 36.1651, 48.3536

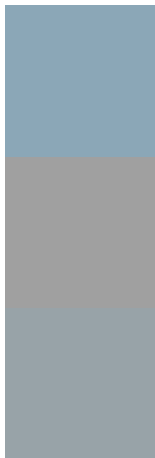
Deuteranomaly

35.3012, 36.1185, 50.4584

Tritanomaly

32.9097, 36.5038, 49.5674

Monochromacy



Original Color

33.0134, 36.5453, 50.1137

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1140, 35.6969, 42.1907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0134, 36.5453, 50.1137 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(139, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 183)  
}
```

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(139, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 183) }
```

Border

The CSS property to change the border of an element to XYZ 33.0134, 36.5453, 50.1137 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(139, 167, 183) }
```


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

```
.border{ border-color:rgb(139, 167, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0134, 36.5453, 50.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 183) }
```

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

```
.background{ background-color: rgb(139,  
167, 183) }
```

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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