

Converting Colors

XYZ(33.0824, 39.9360, 53.5417)

Have a look what the booklet for
XYZ(33.0824, 39.9360, 53.5417)
contains.

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Color

**XYZ(33.0824, 39.9360,
53.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	79B3BC
RGB	121, 179, 188
RGB Percent	47%, 70%, 74%
CMY	0.5255, 0.2980, 0.2627
CMYK	0.36, 0.05, 0.00, 0.26
HSL	188°, 33%, 61%
HSV	188°, 36%, 74%
XYZ	33.0824, 39.9360, 53.5417
YIQ	162.6840, -37.4570, -9.4970

Conversions

Conversions Part 2

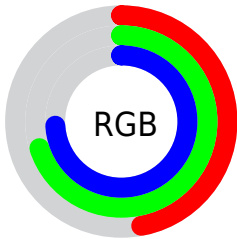
Format	Color
RYB	121, 152, 188
Decimal	7975868
CIELab	69.42, -16.49, -10.58
CIELCh	69, 19.593, 212.675
Yxy	39.9360, 0.2614, 0.3155
Android (android.graphics.Color)	4286165948 (0xFF79B3BC)
YUV	162.6840, 12.4808, -36.5569
Hunter-Lab	63.1949, -17.1468, -5.9968

Details

The XYZ color **33.0824, 39.9360, 53.5417** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.1735, 28.0377, 21.8063**, and the grayscale version is **34.6206, 36.4235, 39.6652**.

A 20% lighter version of the original color is **63.9420, 75.1784, 96.7287**, and **14.2179, 17.8999, 25.6273** is the 20% darker color. If you saturate the color by 10%, you get **30.1991, 37.7062, 53.2639**, and if you desaturate by 10%, it is **36.4908, 42.4522, 53.8484**.

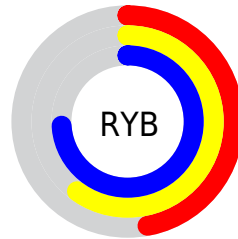
Distribution



Red (47%)

Green (70%)

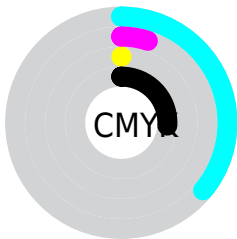
Blue (74%)



Red (47%)

Yellow (60%)

Blue (74%)

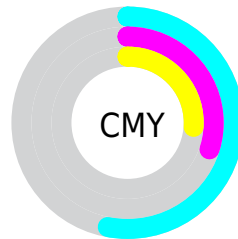


Cyan (36%)

Magenta (5%)

Yellow (0%)

Black (26%)



Cyan (53%)


Magenta (30%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0824, 39.9360, 53.5417 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 33.0824, 39.9360, 53.5417 by changing the saturation by 10% instead.

 33.0824, 39.9360,
53.5417


 33.0824, 39.9360,
53.5417


307.6793,
345.8537, 417.4851


 22.3491, 27.4886,
37.8447


 63.8580, 75.0660,
96.8506

 14.2317, 17.9406,
25.5613


 84.6310, 98.5175,
125.2996

 8.3648, 10.9073,
16.2729


 109.4812,
126.4058, 158.8363

 4.3830, 6.0045,
9.5610

138.7742,
159.1154, 197.8793

 1.9210, 2.8478,
5.0071

172.8751,
197.0306, 242.8472

 0.5890, 1.0528,
2.1926

212.1493,

 0.0000, 0.0000,

240.5357, 294.1584

0.6701

256.9623,
290.0153, 352.2315

■ 0.0000, 0.0000,
0.0000

■ 33.0824, 39.9360,
53.5417

■ 33.0824, 39.9360,
53.5417

■ 30.1991, 37.7062,
53.2639

■ 36.4908, 42.4522,
53.8484

■ 27.8072, 35.7424,
53.0110

■ 40.4483, 45.2644,
54.1826

■ 25.8750, 34.0292,
52.7821

■ 44.9817, 48.3873,
54.5465

■ 24.3651, 32.5473,
52.5757

■ 50.1149, 51.8334,
54.9411

■ 23.2345, 31.2743,
52.3896

■ 55.8707, 55.6145,
55.3676

■ 22.4292, 30.1825,
52.2213

■ 62.2704, 59.7417,
55.8269

■ 22.1305, 29.7374,
52.1511

■ 69.3343, 64.2255,
56.3200

■ 70.7872, 65.8309,
56.5533

■ 71.3738, 67.0040,
56.7489

Harmonies

Analogous

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



32.2210, 39.9360, 44.2986



33.0824, 39.9360, 53.5417



35.2438, 39.9360, 60.7954

Triad

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



33.0824, 39.9360, 53.5417



43.6000, 39.9360, 51.9460



37.6758, 39.9360, 28.3498

Complementary

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



33.0824, 39.9360, 53.5417



32.1735, 28.0377, 21.8063

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.



40.8080, 39.9360, 29.8161



33.0824, 39.9360, 53.5417



44.3384, 39.9360, 42.6785

Square

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



33.0824, 39.9360, 53.5417



41.3243, 39.9360, 59.7882



43.2905, 39.9360, 34.7711



34.7796, 39.9360, 30.4504

Rectangle

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



33.0824, 39.9360, 53.5417



37.1907, 39.9360, 63.0672



43.2905, 39.9360, 34.7711



38.7358, 39.9360, 28.4422

Sweetspot

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



33.0836, 39.9376, 53.5426



76.8357, 84.4854, 98.4838



29.8941, 41.6421, 27.5589



16.2879, 18.0055, 21.1595



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.0836, 39.9376, 53.5426



55.6697, 69.0789, 96.6257



27.1755, 28.1213, 51.5732



9.6964, 10.5850, 12.2043



15.1069, 20.3256, 35.5199



0.6224, 0.8575, 1.4016

Inverse Universe

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



35.7141, 27.6219, 46.0988



61.2731, 43.7479, 80.5666



37.3653, 38.4213, 23.5369



9.8733, 9.6736, 11.7220



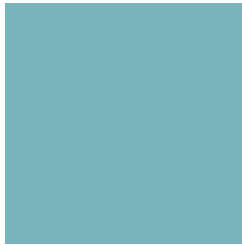
18.6260, 9.0816, 24.3881



0.7451, 0.3619, 1.0369

Previews

White Background



This preview shows how the XYZ color 33.0824, 39.9360, 53.5417 looks on a white background.

Color Contrast Check

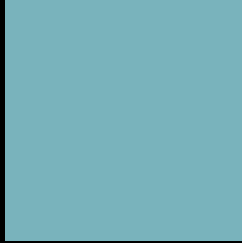
Large Text (above 18pt) WCAG AA × Fail

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 33.0824, 39.9360, 53.5417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

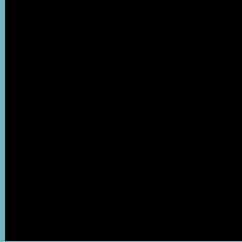
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0824, 39.9360, 53.5417

Background



This preview shows how black text looks on a background with the XYZ color 33.0824, 39.9360, 53.5417.

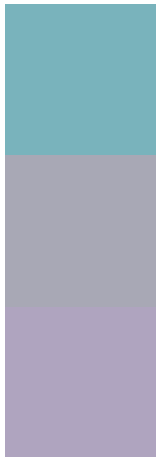


This preview shows how white text looks on a background with the XYZ color 33.0824, 39.9360,

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

33.0824, 39.9360, 53.5417

Protanopia

38.4916, 39.6663, 49.3437

Deuteranopia

40.3586, 39.4265, 54.7732



Tritanopia

33.5721, 39.8286, 56.3703

Trichromacy



Original Color

33.0824, 39.9360, 53.5417

Protanomaly

36.1668, 39.5450, 51.0742

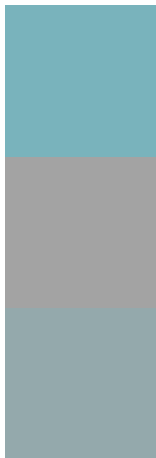
Deuteranomaly

36.9998, 39.0622, 54.3049

Tritanomaly

33.3504, 39.7400, 55.2030

Monochromacy



Original Color

33.0824, 39.9360, 53.5417

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8471, 37.6504, 44.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0824, 39.9360, 53.5417 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(121, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(121, 179, 188)  
}
```

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(121, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 179, 188) }
```

Border

The CSS property to change the border of an element to XYZ 33.0824, 39.9360, 53.5417 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(121, 179, 188) }
```


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

```
.border{ border-color:rgb(121, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(121, 179,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0824, 39.9360, 53.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 179, 188) }
```

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

```
.background{ background-color: rgb(121,  
179, 188) }
```

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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