

Converting Colors

XYZ(33.0840, 39.9860, 51.3218)

Have a look what the booklet for
XYZ(33.0840, 39.9860, 51.3218)
contains.

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Color

**XYZ(33.0840, 39.9860,
51.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB3B8
RGB	124, 179, 184
RGB Percent	49%, 70%, 72%
CMY	0.5137, 0.2980, 0.2784
CMYK	0.33, 0.03, 0.00, 0.28
HSL	185°, 30%, 60%
HSV	185°, 33%, 72%
XYZ	33.0840, 39.9860, 51.3218
YIQ	163.1250, -34.3850, -10.1050

Conversions

Conversions Part 2

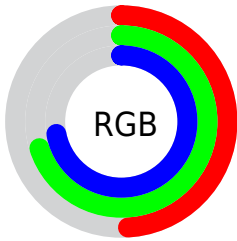
Format	Color
RYB	124, 153, 184
Decimal	8172472
CIELab	69.46, -16.64, -8.30
CIElCh	69, 18.597, 206.520
Yxy	39.9860, 0.2660, 0.3215
Android (android.graphics.Color)	4286362552 (0xFF7CB3B8)
YUV	163.1250, 10.2914, -34.3126
Hunter-Lab	63.2345, -17.2699, -3.8563

Details

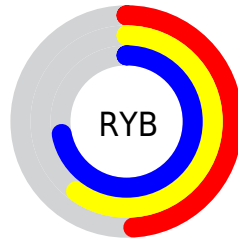
The XYZ color **33.0840, 39.9860, 51.3218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.2560, 27.3464, 22.7006**, and the grayscale version is **34.8373, 36.6515, 39.9135**.

A 20% lighter version of the original color is **63.7966, 75.1729, 93.5855**, and **14.2301, 17.9381, 24.1851** is the 20% darker color. If you saturate the color by 10%, you get **30.3639, 38.1312, 51.1078**, and if you desaturate by 10%, it is **36.3061, 42.1066, 51.5620**.

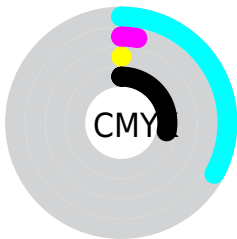
Distribution



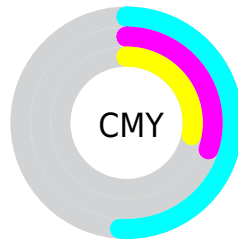
- Red (49%)
- Green (70%)
- Blue (72%)



- Red (49%)
- Yellow (60%)
- Blue (72%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (51%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0840, 39.9860, 51.3218 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 33.0840, 39.9860, 51.3218 by changing the saturation by 10% instead.

■ 33.0840, 39.9860,
51.3218

■ 33.0840, 39.9860,
51.3218

307.6864,
346.0646, 408.6950

■ 22.3503, 27.5276,
36.0863

■ 63.8605, 75.1422,
93.5466

■ 14.2326, 17.9699,
24.2106

■ 84.6340, 98.6088,
121.3730

■ 8.3654, 10.9284,
15.2763

■ 109.4848,
126.5136, 154.2334

■ 4.3834, 6.0187,
8.8647

138.7783,
159.2410, 192.5464

■ 1.9212, 2.8564,
4.5575

172.8799,
197.1754, 236.7305

■ 0.5891, 1.0573,
1.9359

212.1548,

■ 0.0000, 0.0000,

240.7012, 287.2043

0.5154

256.9686,
290.2028, 344.3863

■ 0.0000, 0.0000,
0.0000

■ 33.0840, 39.9860,
51.3218

■ 33.0840, 39.9860,
51.3218

■ 30.3639, 38.1312,
51.1078

■ 36.3061, 42.1066,
51.5620

■ 28.1144, 36.5231,
50.9160

■ 40.0521, 44.5014,
51.8268

■ 26.3066, 35.1477,
50.7458

■ 44.3470, 47.1843,
52.1183

■ 24.9063, 33.9874,
50.5956

■ 49.2131, 50.1668,
52.4375

■ 23.8748, 33.0222,
50.4637

■ 54.6714, 53.4597,
52.7854

■ 23.1654, 32.2281,
50.3478

■ 60.7420, 57.0733,
53.1629

■ 22.7793, 31.7156,
50.2692

■ 67.4439, 61.0176,
53.5710

■ 68.5806, 62.0981,
53.7197

■ 68.9172, 62.7714,
53.8319

Harmonies

Analogous

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



32.5444, 39.9860, 42.5450



33.0840, 39.9860, 51.3218



34.9177, 39.9860, 58.7869

Triad

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



33.0840, 39.9860, 51.3218



43.0118, 39.9860, 53.2801



38.3559, 39.9860, 29.0686

Complementary

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



33.0840, 39.9860, 51.3218



31.2560, 27.3464, 22.7006

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.



41.2702, 39.9860, 31.1842



33.0840, 39.9860, 51.3218



44.0457, 39.9860, 44.5462

Square

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



33.0840, 39.9860, 51.3218



40.6342, 39.9860, 60.0178



43.3923, 39.9860, 36.5838



35.4927, 39.9860, 30.3901

Rectangle

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



33.0840, 39.9860, 51.3218



36.6794, 39.9860, 61.6179



43.3923, 39.9860, 36.5838



39.3632, 39.9860, 29.3935

Sweetspot

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



33.0852, 39.9876, 51.3227



74.4110, 81.8077, 94.0732



29.3497, 40.1254, 26.6210



15.8174, 17.4951, 20.2648



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.



33.0852, 39.9876, 51.3227



56.4084, 70.0686, 92.7562



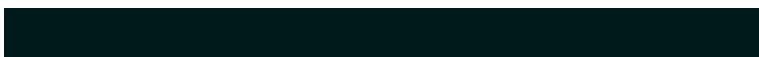
27.8711, 29.5593, 49.5847



9.2010, 10.0792, 11.5400



15.7241, 21.9080, 34.6530



0.5733, 0.8102, 1.2279

Inverse Universe

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



35.1125, 27.8612, 46.1768



60.6989, 44.9188, 81.7501



35.6329, 36.1001, 24.1596



9.3478, 9.1495, 11.1789



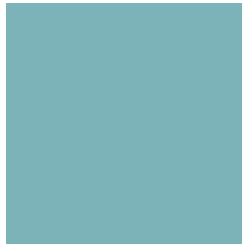
18.5505, 8.9940, 26.5834



0.6635, 0.3209, 0.9875

Previews

White Background



This preview shows how the XYZ color 33.0840, 39.9860, 51.3218 looks on a white background.

Color Contrast Check

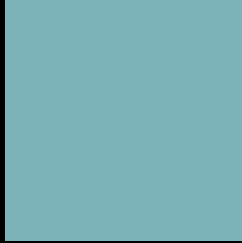
Large Text (above 18pt) WCAG AA × Fail

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 33.0840, 39.9860, 51.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

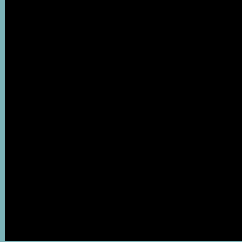
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0840, 39.9860, 51.3218

Background



This preview shows how black text looks on a background with the XYZ color 33.0840, 39.9860, 51.3218.

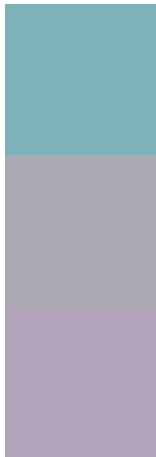


This preview shows how white text looks on a background with the XYZ color 33.0840, 39.9860,

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

33.0840, 39.9860, 51.3218

Protanopia

38.5160, 39.7256, 47.2328

Deuteranopia

40.3766, 39.4859, 52.5072



Tritanopia

34.0390, 40.0822, 55.8118

Trichromacy



Original Color

33.0840, 39.9860, 51.3218

Protanomaly

36.1276, 39.5726, 48.9142

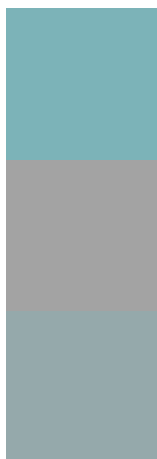
Deuteranomaly

37.1514, 39.1902, 52.0607

Tritanomaly

33.5631, 39.8749, 54.0718

Monochromacy



Original Color

33.0840, 39.9860, 51.3218

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9331, 37.7058, 44.0176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0840, 39.9860, 51.3218 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(124, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(124, 179, 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(124, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 33.0840, 39.9860, 51.3218 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(124, 179, 184) }
```


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

```
.border{ border-color:rgb(124, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(124, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0840, 39.9860, 51.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 179, 184) }
```

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

```
.background{ background-color: rgb(124,  
179, 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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