

Converting Colors

XYZ(32.4805, 39.8364, 57.6062)

Have a look what the booklet for
XYZ(32.4805, 39.8364, 57.6062)
contains.

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Color

**XYZ(32.4783, 39.8339,
57.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB4C3
RGB	109, 180, 195
RGB Percent	43%, 71%, 76%
CMY	0.5725, 0.2941, 0.2353
CMYK	0.44, 0.08, 0.00, 0.24
HSL	190°, 42%, 60%
HSV	190°, 44%, 76%
XYZ	32.4783, 39.8339, 57.6067
YIQ	160.4810, -47.1310, -10.3870

Conversions

Conversions Part 2

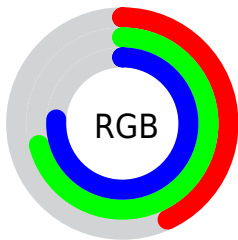
Format	Color
RYB	109, 148, 195
Decimal	7189699
CIELab	69.35, -18.33, -14.60
CIElCh	69, 23.437, 218.537
Yxy	39.8339, 0.2500, 0.3066
Android (android.graphics.Color)	4285379779 (0xFF6DB4C3)
YUV	160.4810, 17.0179, -45.1488
Hunter-Lab	63.1141, -18.5942, -9.9364

Details

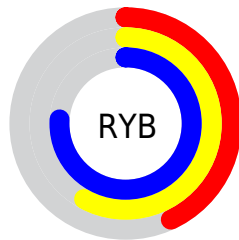
The XYZ color **32.4783, 39.8339, 57.6067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.4744, 27.1223, 17.9927**, and the grayscale version is **33.5762, 35.3247, 38.4686**.

A 20% lighter version of the original color is **63.0832, 75.0185, 103.2506**, and **13.8653, 17.8587, 27.9156** is the 20% darker color. If you saturate the color by 10%, you get **29.6625, 37.3764, 57.2815**, and if you desaturate by 10%, it is **35.8455, 42.6025, 57.9643**.

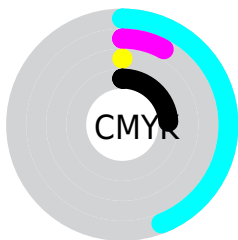
Distribution



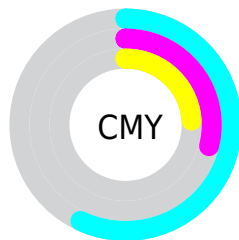
- Red (43%)
- Green (71%)
- Blue (76%)



- Red (43%)
- Yellow (58%)
- Blue (76%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4783, 39.8339, 57.6067 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 32.4783, 39.8339, 57.6067 by changing the saturation by 10% instead.

■ 32.4783, 39.8339,
57.6067

■ 32.4783, 39.8339,
57.6067

304.9991,
345.4230, 433.2761

■ 21.8844, 27.4091,
41.0799

■ 62.9203, 74.9105,
102.8590

■ 13.8881, 17.8807,
28.0614

■ 83.4991, 98.3311,
132.4216

■ 8.1241, 10.8644,
18.1325

■ 108.1370,
126.1857, 167.1666

■ 4.2269, 5.9757,
10.8747

137.1992,
158.8587, 207.5125

■ 1.8313, 2.8303,
5.8695

171.0512,
196.7346, 253.8779

■ 0.5364, 1.0438,
2.6984

210.0582,

■ 0.0000, 0.0000,

240.1976, 306.6812

0.9426

254.5858,
289.6323, 366.3411

■ 0.0000, 0.0000,
0.0000

■ 32.4783, 39.8339,
57.6067

■ 32.4783, 39.8339,
57.6067

■ 29.6625, 37.3764,
57.2815

■ 35.8455, 42.6025,
57.9643

■ 27.3588, 35.2069,
56.9841

■ 39.7929, 45.6944,
58.3531

■ 25.5282, 33.3059,
56.7137

■ 44.3516, 49.1268,
58.7753

■ 24.1246, 31.6495,
56.4680

■ 49.5494, 52.9142,
59.2324

■ 23.0922, 30.2088,
56.2443

■ 55.4123, 57.0702,
59.7256

■ 22.5941, 29.4274,
56.1197

■ 61.9649, 61.6076,
60.2560

■ 69.2306, 66.5386,
60.8249

■ 73.4542, 69.9277,
61.2564

■ 74.2882, 71.5956,
61.5344

Harmonies

Analogous

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



31.1465, 39.8339, 46.5219



32.4783, 39.8339, 57.6067



35.2745, 39.8339, 65.6582

Triad

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



32.4783, 39.8339, 57.6067



45.0022, 39.8339, 51.4054



36.7969, 39.8339, 25.9371

Complementary

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



32.4783, 39.8339, 57.6067



32.4744, 27.1223, 17.9927

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.



40.5708, 39.8339, 26.8037



32.4783, 39.8339, 57.6067



45.4770, 39.8339, 40.3682

Square

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



32.4783, 39.8339, 57.6067



42.5503, 39.8339, 61.6854



43.8076, 39.8339, 31.7002



33.5294, 39.8339, 29.0981

Rectangle

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



32.4783, 39.8339, 57.6067



37.6765, 39.8339, 67.5621



43.8076, 39.8339, 31.7002



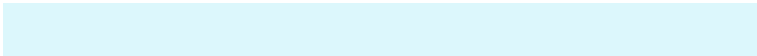
38.0460, 39.8339, 25.7792

Sweetspot

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



32.4795, 39.8354, 57.6076



80.2230, 88.5694, 105.3372



29.4188, 43.7207, 25.7381



17.1393, 19.0782, 23.0291



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.4795, 39.8354, 57.6076



53.2533, 67.0566, 102.6063



25.1988, 25.2740, 55.1807



10.2143, 11.1199, 12.8928



14.7395, 19.2354, 36.4926



0.6771, 0.9115, 1.5901

Inverse Universe

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



36.2136, 25.8358, 46.2598



61.0224, 39.5540, 78.6316



38.9638, 40.1010, 20.1558



10.4195, 10.2164, 12.2994



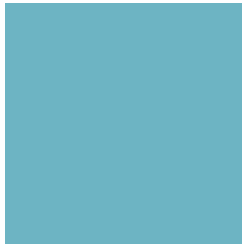
18.8358, 9.2241, 22.8450



0.8341, 0.4067, 1.0939

Previews

White Background



This preview shows how the XYZ color 32.4783, 39.8339, 57.6067 looks on a white background.

Color Contrast Check

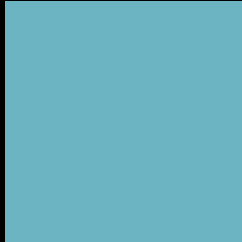
Large Text (above 18pt) WCAG AA × Fail

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 32.4783, 39.8339, 57.6067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

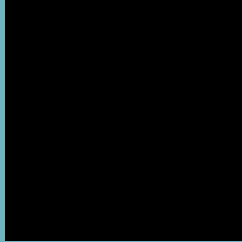
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4783, 39.8339, 57.6067

Background



This preview shows how black text looks on a background with the XYZ color 32.4783, 39.8339, 57.6067.



This preview shows how white text looks on a background with the XYZ color 32.4783, 39.8339,

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

32.4783, 39.8339, 57.6067

Protanopia

38.5142, 39.3323, 52.5757

Deuteranopia

40.2257, 39.5335, 58.9367



Tritanopia

32.4783, 39.8339, 57.6067

Trichromacy



Original Color

32.4783, 39.8339, 57.6067

Protanomaly

35.7238, 39.2425, 54.4069

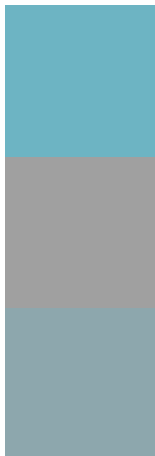
Deuteranomaly

36.6655, 39.0766, 58.4334

Tritanomaly

32.4783, 39.8339, 57.6067

Monochromacy



Original Color

32.4783, 39.8339, 57.6067

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3460, 36.3173, 44.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4783, 39.8339, 57.6067 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(109, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(109, 180, 195)  
}
```

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(109, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 180, 195) }
```

Border

The CSS property to change the border of an element to XYZ 32.4783, 39.8339, 57.6067 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(109, 180, 195) }
```


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

```
.border{ border-color:rgb(109, 180, 195) }
```

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

Here you see how a box with a 4 pixel rgb(109, 180, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(109, 180,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4783, 39.8339, 57.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 180, 195) }
```

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

```
.background{ background-color: rgb(109,  
180, 195) }
```

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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