

Converting Colors

XYZ(33.4444, 40.6327, 57.7099)

Have a look what the booklet for
XYZ(33.4444, 40.6327, 57.7099)
contains.

XYZ(33.4444, 40.6327, 57.7099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.4444, 40.6327,
57.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	73B5C3
RGB	115, 181, 195
RGB Percent	45%, 71%, 76%
CMY	0.5490, 0.2902, 0.2353
CMYK	0.41, 0.07, 0.00, 0.24
HSL	190°, 40%, 61%
HSV	190°, 41%, 76%
XYZ	33.4444, 40.6327, 57.7099
YIQ	162.8620, -43.8300, -9.6380

Conversions

Conversions Part 2

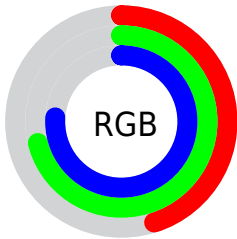
Format	Color
RYB	115, 151, 195
Decimal	7583171
CIELab	69.92, -17.34, -13.72
CIElCh	70, 22.115, 218.349
Yxy	40.6327, 0.2538, 0.3083
Android (android.graphics.Color)	4285773251 (0xFF73B5C3)
YUV	162.8620, 15.8440, -41.9750
Hunter-Lab	63.7438, -17.8982, -9.0571

Details

The XYZ color **33.4444, 40.6327, 57.7099** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.4511, 28.5410, 19.9666**, and the grayscale version is **34.6911, 36.4978, 39.7461**.

A 20% lighter version of the original color is **64.4324, 76.1427, 103.3965**, and **14.3904, 18.3221, 27.9774** is the 20% darker color. If you saturate the color by 10%, you get **30.4614, 38.0784, 57.3748**, and if you desaturate by 10%, it is **36.9893, 43.5038, 58.0779**.

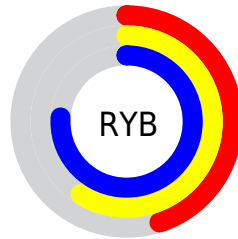
Distribution



Red (45%)

Green (71%)

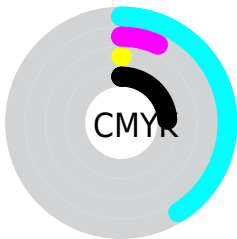
Blue (76%)



Red (45%)

Yellow (59%)

Blue (76%)

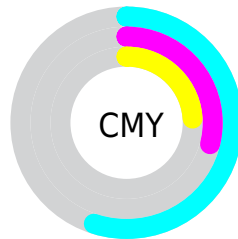


Cyan (41%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (55%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4444, 40.6327, 57.7099 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 33.4444, 40.6327, 57.7099 by changing the saturation by 10% instead.

■ 33.4444, 40.6327,
57.7099

■ 33.4444, 40.6327,
57.7099

309.2772,
348.7831, 433.6721

■ 22.6280, 28.0322,
41.1623

■ 64.4188, 76.1260,
103.0109

■ 14.4382, 18.3499,
28.1253

■ 85.3074, 99.7876,
132.6014

■ 8.5098, 11.2015,
18.1803

■ 110.2842,
127.9050, 167.3766

■ 4.4774, 6.2025,
10.9087

139.7144,
160.8626, 207.7550

■ 1.9756, 2.9686,
5.8921

173.9635,
199.0449, 254.1552

■ 0.6202, 1.1154,
2.7118

213.3967,

■ 0.0000, 0.0000,

242.8361, 306.9958

0.9494

258.3795,
292.6207, 366.6953

■ 0.0000, 0.0000,
0.0000

■ 33.4444, 40.6327,
57.7099

■ 33.4444, 40.6327,
57.7099

■ 30.4614, 38.0784,
57.3748

■ 36.9893, 43.5038,
58.0779

■ 28.0018, 35.8181,
57.0682

■ 41.1239, 46.7033,
58.4776

■ 26.0285, 33.8333,
56.7891

■ 45.8787, 50.2481,
58.9112

■ 24.4973, 32.1011,
56.5354

■ 51.2809, 54.1524,
59.3801

■ 23.3559, 30.5944,
56.3047

■ 57.3560, 58.4296,
59.8855

■ 22.5744, 29.3880,
56.1131

■ 64.1282, 63.0922,
60.4285

■ 71.6205, 68.1522,
61.0103

■ 73.7196, 70.4584,
61.3448

■ 74.5621, 72.1434,
61.6256

Harmonies

Analogous

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



32.1713, 40.6327, 47.1821



33.4444, 40.6327, 57.7099



36.1234, 40.6327, 65.3322

Triad

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



33.4444, 40.6327, 57.7099



45.4142, 40.6327, 51.9627



37.6242, 40.6327, 27.3908

Complementary

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



33.4444, 40.6327, 57.7099



33.4511, 28.5410, 19.9666

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.



41.2294, 40.6327, 28.2628



33.4444, 40.6327, 57.7099



45.8779, 40.6327, 41.4269

Square

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



33.4444, 40.6327, 57.7099



43.0738, 40.6327, 61.6718



44.3041, 40.6327, 33.0518



34.4846, 40.6327, 30.4511

Rectangle

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



33.4444, 40.6327, 57.7099



38.4212, 40.6327, 67.1509



44.3041, 40.6327, 33.0518



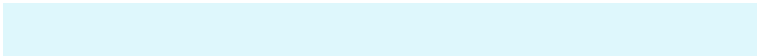
38.8198, 40.6327, 27.2445

Sweetspot

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



33.4456, 40.6343, 57.7109



81.1205, 89.2239, 105.4162



30.5045, 44.2432, 27.4704



17.5053, 19.3479, 23.0618



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.



33.4456, 40.6343, 57.7109



55.1787, 68.7471, 102.8311



26.5450, 26.8330, 55.4106



10.2138, 11.1189, 12.8927



14.7268, 19.2101, 36.4884



0.6766, 0.9106, 1.5900

Inverse Universe

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



36.9779, 27.2008, 47.0191



62.5216, 42.1727, 80.3019



39.6653, 40.9693, 22.0380



10.4192, 10.2163, 12.2981



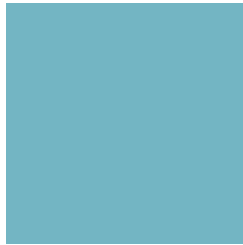
18.8294, 9.2215, 22.8114



0.8339, 0.4066, 1.0928

Previews

White Background



This preview shows how the XYZ color 33.4444, 40.6327, 57.7099 looks on a white background.

Color Contrast Check

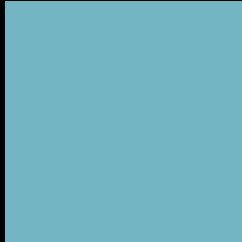
Large Text (above 18pt) WCAG AA × Fail

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 33.4444, 40.6327, 57.7099 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 33.4444, 40.6327, 57.7099

Background



This preview shows how black text looks on a background with the XYZ color 33.4444, 40.6327, 57.7099.



This preview shows how white text looks on a background with the XYZ color 33.4444, 40.6327,

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

33.4444, 40.6327, 57.7099

Protanopia

39.3061, 40.2886, 52.7185

Deuteranopia

41.0628, 40.2339, 59.0278



Tritanopia

33.4444, 40.6327, 57.7099

Trichromacy



Original Color

33.4444, 40.6327, 57.7099

Protanomaly

36.6323, 39.9944, 54.5042

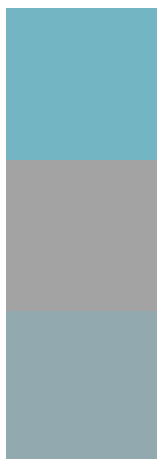
Deuteranomaly

37.5898, 39.8324, 58.5306

Tritanomaly

33.4444, 40.6327, 57.7099

Monochromacy



Original Color

33.4444, 40.6327, 57.7099

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9666, 37.9556, 46.0934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4444, 40.6327, 57.7099 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(115, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(115, 181, 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(115, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 33.4444, 40.6327, 57.7099 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(115, 181, 195) }
```


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

```
.border{ border-color:rgb(115, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(115, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4444, 40.6327, 57.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 181, 195) }
```

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

```
.background{ background-color: rgb(115,  
181, 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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