

Converting Colors

XYZ(35.7496, 40.4893, 50.7308)

Have a look what the booklet for
XYZ(35.7496, 40.4893, 50.7308)
contains.

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Color

**XYZ(35.7496, 40.4893,
50.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	91B0B7
RGB	145, 176, 183
RGB Percent	57%, 69%, 72%
CMY	0.4314, 0.3098, 0.2823
CMYK	0.21, 0.04, 0.00, 0.28
HSL	191°, 21%, 64%
HSV	191°, 21%, 72%
XYZ	35.7496, 40.4893, 50.7308
YIQ	167.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

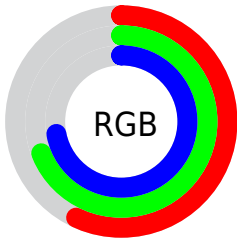
Format	Color
RYB	145, 162, 183
Decimal	9547959
CIELab	69.82, -8.98, -7.09
CIELCh	70, 11.438, 218.298
Yxy	40.4893, 0.2816, 0.3189
Android (android.graphics.Color)	4287738039 (0xFF91B0B7)
YUV	167.5290, 7.6272, -19.7579
Hunter-Lab	63.6312, -11.0688, -2.7279

Details

The XYZ color **35.7496, 40.4893, 50.7308** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8679, 34.5681, 31.5706**, and the grayscale version is **36.9608, 38.8856, 42.3464**.

A 20% lighter version of the original color is **67.9898, 76.0873, 92.7642**, and **15.7283, 18.1573, 23.7948** is the 20% darker color. If you saturate the color by 10%, you get **32.1288, 37.6549, 50.3752**, and if you desaturate by 10%, it is **39.9086, 43.6276, 51.1180**.

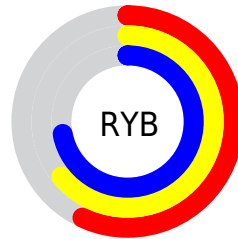
Distribution



Red (57%)

Green (69%)

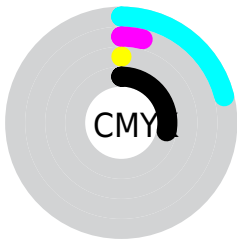
Blue (72%)



Red (57%)

Yellow (64%)

Blue (72%)

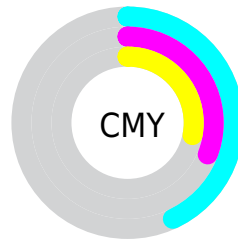


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7496, 40.4893, 50.7308 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 35.7496, 40.4893, 50.7308 by changing the saturation by 10% instead.

■ 35.7496, 40.4893,
50.7308

■ 35.7496, 40.4893,
50.7308

319.3151,
348.1816, 406.3336

■ 24.4101, 27.9203,
35.6192

■ 67.9718, 75.9080,
92.6641

■ 15.7645, 18.2656,
23.8529

■ 89.5852, 99.5265,
120.3230

■ 9.4474, 11.1408,
15.0133

115.3539,
127.5969, 153.0012

■ 5.0936, 6.1616,
8.6820

145.6434,
160.5036, 191.1175

■ 2.3376, 2.9436,
4.4404

180.8188,
198.6310, 235.0904

■ 0.8138, 1.1024,
1.8699

221.2457,

■ 0.0000, 0.0000,

242.3636, 285.3383

0.4735

267.2894,
292.0856, 342.2799

■ 0.0000, 0.0000,
0.0000

■ 35.7496, 40.4893,
50.7308

■ 35.7496, 40.4893,
50.7308

■ 32.1288, 37.6549,
50.3752

■ 39.9086, 43.6276,
51.1180

■ 29.0177, 35.1065,
50.0473

■ 44.6256, 47.0769,
51.5352

■ 26.3906, 32.8315,
49.7466

■ 49.9235, 50.8505,
51.9843

■ 24.2179, 30.8146,
49.4718

■ 55.8231, 54.9592,
52.4664

■ 22.4667, 29.0387,
49.2214

■ 62.3441, 59.4131,
52.9824

■ 21.0996, 27.4842,
48.9934

■ 69.5051, 64.2223,
53.5333

■ 20.0723, 26.1283,
48.7858

■ 70.3476, 65.7994,
53.7933

■ 19.3426, 25.0094,
48.6083

■ 71.1347, 67.3736,
54.0556

■ 71.9390, 68.9823,
54.3238

Harmonies

Analogous

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



35.0583, 40.4893, 45.5780



35.7496, 40.4893, 50.7308



37.1788, 40.4893, 54.2840

Triad

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



35.7496, 40.4893, 50.7308



41.8970, 40.4893, 47.9757



37.9709, 40.4893, 34.7231

Complementary

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



35.7496, 40.4893, 50.7308



35.8679, 34.5681, 31.5706

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.



39.8191, 40.4893, 35.2525



35.7496, 40.4893, 50.7308



42.1257, 40.4893, 42.6268

Square

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



35.7496, 40.4893, 50.7308



40.7390, 40.4893, 52.6065



41.3541, 40.4893, 38.0483



36.3135, 40.4893, 36.5390

Rectangle

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



35.7496, 40.4893, 50.7308



38.3779, 40.4893, 55.1156



41.3541, 40.4893, 38.0483



38.5900, 40.4893, 34.6357

Sweetspot

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



35.7508, 40.4910, 50.7317



75.2889, 80.9463, 91.8918



34.2760, 42.1534, 36.0220



16.5091, 17.7907, 20.2854



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.



35.7508, 40.4910, 50.7317



60.8961, 70.0910, 90.5551



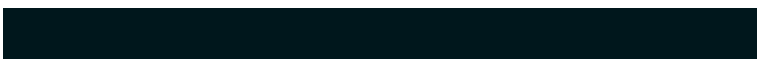
32.2876, 33.5646, 49.5773



9.1223, 9.9218, 11.5137



13.5399, 17.5394, 33.9249



0.5143, 0.6923, 1.2083

Inverse Universe

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



37.4912, 33.4535, 45.5574



64.6276, 55.3202, 79.3903



39.1966, 41.2256, 32.6802



9.3081, 9.1336, 10.9697



17.4480, 8.5529, 20.7776



0.6338, 0.3090, 0.8308

Previews

White Background



This preview shows how the XYZ color 35.7496, 40.4893, 50.7308 looks on a white background.

Color Contrast Check

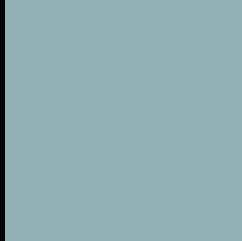
Large Text (above 18pt) WCAG AA × Fail

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 35.7496, 40.4893, 50.7308 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

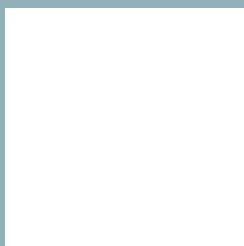
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7496, 40.4893, 50.7308

Background



This preview shows how black text looks on a background with the XYZ color 35.7496, 40.4893, 50.7308.



This preview shows how white text looks on a background with the XYZ color 35.7496, 40.4893,

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

35.7496, 40.4893, 50.7308

Protanopia

39.1192, 40.2885, 48.3625

Deuteranopia

41.0345, 40.1163, 51.4794



Tritanopia

36.3693, 40.4451, 54.0339

Trichromacy



Original Color

35.7496, 40.4893, 50.7308

Protanomaly

37.8910, 40.4817, 48.9967

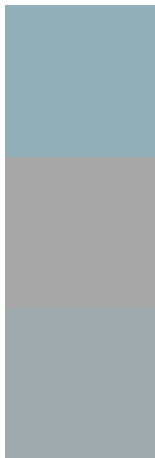
Deuteranomaly

38.7760, 40.0521, 51.0345

Tritanomaly

36.1537, 40.3588, 52.8982

Monochromacy



Original Color

35.7496, 40.4893, 50.7308

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6029, 39.6165, 45.2527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7496, 40.4893, 50.7308 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(145, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(145, 176, 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(145, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 176, 183) }
```

Border

The CSS property to change the border of an element to XYZ 35.7496, 40.4893, 50.7308 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(145, 176, 183) }
```


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

```
.border{ border-color:rgb(145, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(145, 176,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7496, 40.4893, 50.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 176, 183) }
```

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

```
.background{ background-color: rgb(145,  
176, 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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