

Converting Colors

XYZ(40.5152, 46.8168, 51.7222)

Have a look what the booklet for
XYZ(40.5152, 46.8168, 51.7222)
contains.

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Color

**XYZ(40.6495, 46.9822,
51.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	9DBDB7
RGB	157, 189, 183
RGB Percent	62%, 74%, 72%
CMY	0.3843, 0.2588, 0.2823
CMYK	0.17, 0.00, 0.03, 0.26
HSL	169°, 20%, 68%
HSV	169°, 17%, 74%
XYZ	40.6495, 46.9822, 51.7258
YIQ	178.7480, -17.1460, -8.6500

Conversions

Conversions Part 2

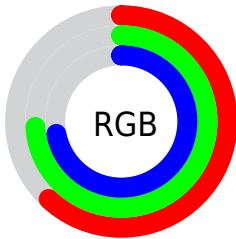
Format	Color
RYB	157, 175, 189
Decimal	10337719
CIELab	74.18, -11.99, -0.58
CIElCh	74, 12.002, 182.748
Yxy	46.9822, 0.2917, 0.3371
Android (android.graphics.Color)	4288527799 (0xFF9DBDB7)
YUV	178.7480, 2.0962, -19.0730
Hunter-Lab	68.5436, -14.0925, 3.2378

Details

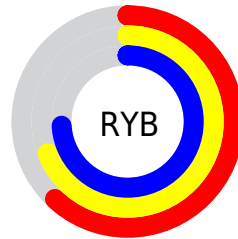
The XYZ color **40.6495, 46.9822, 51.7258** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6558, 37.5784, 39.8157**, and the grayscale version is **42.7104, 44.9347, 48.9339**.

A 20% lighter version of the original color is **75.3838, 85.5339, 94.1979**, and **18.6591, 22.2233, 24.4252** is the 20% darker color. If you saturate the color by 10%, you get **36.8794, 45.0820, 49.6482**, and if you desaturate by 10%, it is **45.0020, 49.1841, 53.8812**.

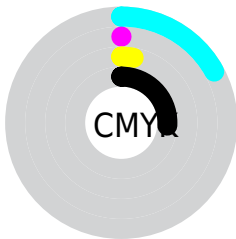
Distribution



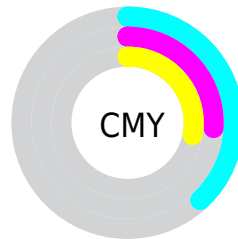
- Red (62%)
- Green (74%)
- Blue (72%)



- Red (62%)
- Yellow (69%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)




- Cyan (38%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6495, 46.9822, 51.7258 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 40.6495, 46.9822, 51.7258 by changing the saturation by 10% instead.

 40.6495, 46.9822,
51.7258


 40.6495, 46.9822,
51.7258

339.9412,
374.7435, 410.3039

 28.2318, 33.0216,
36.4058


 75.4296, 85.6871,
94.1492

 18.6418, 22.1430,
24.4556


 98.5227, 111.2001,
122.0897

 11.5142, 13.9620,
15.4566


125.9050,
141.3327, 155.0741

 6.4836, 8.0942,
8.9903

157.9418,
176.4693, 193.5210

 3.1848, 4.1553,
4.6381

194.9984,
216.9943, 237.8489

 1.2522, 1.7608,
1.9816

237.4403,

 0.1470, 0.4626,

263.2920, 288.4763

0.5439

285.6328,
315.7470, 345.8218

■ 0.0000, 0.0000,
0.0000

■ 40.6495, 46.9822,
51.7258

■ 40.6495, 46.9822,
51.7258

■ 36.8794, 45.0820,
49.6482

■ 45.0020, 49.1841,
53.8812

■ 33.6615, 43.4642,
47.6435

■ 49.9575, 51.6945,
56.1127

■ 30.9689, 42.1161,
45.7113

■ 55.5403, 54.5271,
58.4228

■ 28.7708, 41.0218,
43.8497

■ 61.7723, 57.6934,
60.8128

■ 27.0332, 40.1639,
42.0568

■ 68.6744, 61.2040,
63.2841

■ 25.7177, 39.5226,
40.3303

■ 70.3702, 62.0296,
65.5619

■ 24.7795, 39.0748,
38.6678

■ 70.8011, 62.2020,
67.8312

■ 24.1573, 38.7888,
37.0661

■ 71.2418, 62.3782,
70.1517

■ 23.9940, 38.7151,
36.5852

■ 71.6923, 62.5584,
72.5239

Harmonies

Analogous

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



41.0778, 46.9822, 45.9205



40.6495, 46.9822, 51.7258



41.2657, 46.9822, 57.8355

Triad

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



40.6495, 46.9822, 51.7258



46.9304, 46.9822, 61.7803



46.5762, 46.9822, 41.3300

Complementary

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



40.6495, 46.9822, 51.7258



39.6558, 37.5784, 39.8157

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.



48.2254, 46.9822, 45.0110



40.6495, 46.9822, 51.7258



48.4345, 46.9822, 56.7742

Square

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



40.6495, 46.9822, 51.7258



44.8538, 46.9822, 63.9246



48.9157, 46.9822, 50.5897



44.4571, 46.9822, 40.2114

Rectangle

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



40.6495, 46.9822, 51.7258



42.1978, 46.9822, 61.1768



48.9157, 46.9822, 50.5897



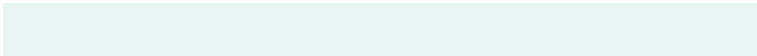
47.2062, 46.9822, 42.2933

Sweetspot

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



40.6508, 46.9842, 51.7269



82.1556, 88.8747, 97.2264



39.4712, 46.6604, 38.8251



17.5389, 19.0472, 20.8485



90.7827, 95.5105, 104.0109



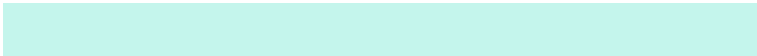
18.6292, 19.5994, 21.3438

Same Dimension

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



40.6508, 46.9842, 51.7269



70.4000, 82.9321, 91.3622



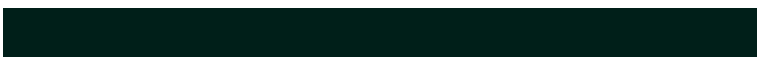
39.2918, 43.2447, 54.4225



9.7297, 10.7780, 11.8263



16.1696, 26.0581, 24.7537



0.6536, 1.0288, 1.0760

Inverse Universe

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



39.6558, 37.5784, 39.8157



68.3126, 63.1931, 66.3694



40.8192, 40.7457, 37.6124



9.6013, 9.5648, 10.2896



14.3502, 7.3712, 1.8717



0.5845, 0.2977, 0.1915

Previews

White Background



This preview shows how the XYZ color 40.6495, 46.9822, 51.7258 looks on a white background.

Color Contrast Check

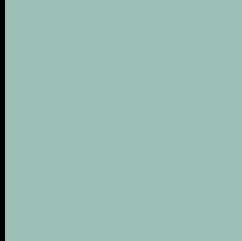
Large Text (above 18pt) WCAG AA × Fail

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 40.6495, 46.9822, 51.7258 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 40.6495, 46.9822, 51.7258

Background



This preview shows how black text looks on a background with the XYZ color 40.6495, 46.9822, 51.7258.



This preview shows how white text looks on a background with the XYZ color 40.6495, 46.9822,

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

40.6495, 46.9822, 51.7258

Protanopia

44.9103, 46.7415, 49.3028

Deuteranopia

47.6770, 46.6016, 52.9365



Tritanopia

42.5987, 46.8084, 62.0481

Trichromacy



Original Color

40.6495, 46.9822, 51.7258

Protanomaly

43.0579, 46.6902, 49.9227

Deuteranomaly

44.8093, 46.6178, 52.5354

Tritanomaly

41.8060, 46.8066, 57.8701

Monochromacy



Original Color

40.6495, 46.9822, 51.7258

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9663, 45.8202, 49.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6495, 46.9822, 51.7258 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(157, 189, 183)` looks like.

```
.text, #text, p{  
    color:rgb(157, 189, 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(157, 189, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 189, 183) }
```

Border

The CSS property to change the border of an element to XYZ 40.6495, 46.9822, 51.7258 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(157, 189, 183) }
```


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

```
.border{ border-color:rgb(157, 189, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 189, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 189, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 189, 183);  
box-shadow:4px 4px 4px 4px rgb(157, 189,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6495, 46.9822, 51.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 189, 183) }
```

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

```
.background{ background-color: rgb(157,  
189, 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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