

Converting Colors

XYZ(40.2173, 46.7647, 48.6346)

Have a look what the booklet for
XYZ(40.2173, 46.7647, 48.6346)
contains.

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Color

**XYZ(40.2340, 46.8386,
48.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBDB1
RGB	158, 189, 177
RGB Percent	62%, 74%, 69%
CMY	0.3804, 0.2588, 0.3059
CMYK	0.16, 0.00, 0.06, 0.26
HSL	157°, 19%, 68%
HSV	157°, 16%, 74%
XYZ	40.2340, 46.8386, 48.5152
YIQ	178.3630, -14.6240, -10.3040

Conversions

Conversions Part 2

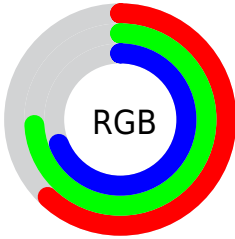
Format	Color
RYB	158, 177, 189
Decimal	10403249
CIELab	74.09, -12.88, 2.56
CIELCh	74, 13.133, 168.742
Yxy	46.8386, 0.2967, 0.3454
Android (android.graphics.Color)	4288593329 (0xFF9EBDB1)
YUV	178.3630, -0.6720, -17.8584
Hunter-Lab	68.4387, -14.8306, 5.8773

Details

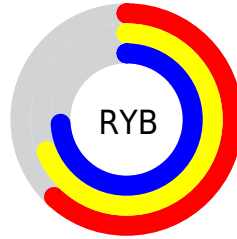
The XYZ color **40.2340, 46.8386, 48.5152** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4705, 38.1761, 43.2681**, and the grayscale version is **42.5192, 44.7336, 48.7148**.

A 20% lighter version of the original color is **74.8010, 85.3341, 89.6195**, and **18.3861, 22.1277, 22.3708** is the 20% darker color. If you saturate the color by 10%, you get **36.0887, 44.7849, 44.6160**, and if you desaturate by 10%, it is **44.9928, 49.2066, 52.6492**.

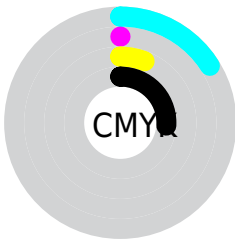
Distribution



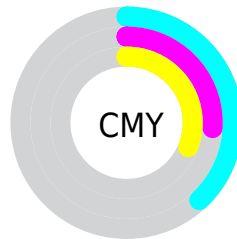
- Red (62%)
- Green (74%)
- Blue (69%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2340, 46.8386, 48.5152 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 40.2340, 46.8386, 48.5152 by changing the saturation by 10% instead.

■ 40.2340, 46.8386,
48.5152

■ 40.2340, 46.8386,
48.5152

338.2264,
374.1699, 397.3981

■ 27.9061, 32.9081,
33.8722

■ 74.8018, 85.4727,
89.3445

■ 18.3950, 22.0560,
22.5189

■ 97.7723, 110.9450,
116.3679

■ 11.3353, 13.8981,
14.0367

125.0211,
141.0334, 148.3551

■ 6.3618, 8.0498,
8.0071

156.9136,
176.1222, 185.7247

■ 3.1090, 4.1268,
4.0117

193.8149,
216.5959, 228.8953

■ 1.2117, 1.7448,
1.6318

236.0906,

■ 0.1156, 0.4524,

262.8388, 278.2854

0.3133

284.1060,
315.2353, 334.3135

■ 0.0000, 0.0000,
0.0000

■ 40.2340, 46.8386,
48.5152

■ 40.2340, 46.8386,
48.5152

■ 36.0887, 44.7849,
44.6160

■ 44.9928, 49.2066,
52.6492

■ 32.5263, 43.0261,
40.9442

■ 50.3862, 51.8959,
57.0193

■ 29.5196, 41.5492,
37.4961

■ 56.4390, 54.9204,
61.6305

■ 27.0372, 40.3384,
34.2671

■ 63.1736, 58.2917,
66.4869

■ 25.0447, 39.3759,
31.2520

■ 70.6111, 62.0205,
71.5923

■ 23.5035, 38.6419,
28.4456

■ 72.4770, 62.8723,
76.6561

■ 22.3685, 38.1133,
25.8421

■ 73.4730, 63.2707,
81.9009

■ 21.5812, 37.7598,
23.4351

■ 74.5120, 63.6863,
87.3723

■ 21.3410, 37.6539,
22.6146

■ 75.5945, 64.1193,
93.0730

Harmonies

Analogous

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



41.2087, 46.8386, 42.9353



40.2340, 46.8386, 48.5152



40.3768, 46.8386, 55.2696

Triad

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



40.2340, 46.8386, 48.5152



45.9858, 46.8386, 64.2565



47.5643, 46.8386, 41.8796

Complementary

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



40.2340, 46.8386, 48.5152



40.4705, 38.1761, 43.2681

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.



48.9346, 46.8386, 46.9547



40.2340, 46.8386, 48.5152



48.0013, 46.8386, 60.0145

Square

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



40.2340, 46.8386, 48.5152



43.6427, 46.8386, 64.7676



49.0973, 46.8386, 53.5667



45.4064, 46.8386, 39.3351

Rectangle

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



40.2340, 46.8386, 48.5152



41.0877, 46.8386, 59.5308



49.0973, 46.8386, 53.5667



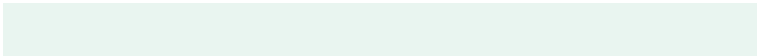
48.1355, 46.8386, 43.3245

Sweetspot

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



40.2353, 46.8406, 48.5162



81.7900, 88.7285, 95.3013



41.0349, 47.4566, 39.3459



17.4497, 19.0115, 20.3785



90.7827, 95.5105, 104.0109



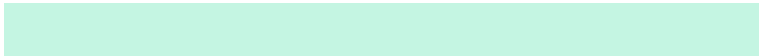
18.6292, 19.5994, 21.3438

Same Dimension

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



40.2353, 46.8406, 48.5162



69.0215, 82.3807, 84.1034



40.8253, 46.0208, 54.8775



9.6478, 10.7452, 11.3947



14.3965, 25.3489, 15.4168



0.5951, 1.0054, 0.7678

Inverse Universe

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



40.4705, 38.1761, 43.2681



69.5297, 63.6800, 72.7787



39.9217, 38.8134, 37.7362



9.6789, 9.5959, 10.6984



14.9682, 7.6184, 5.1260



0.6185, 0.3113, 0.3704

Previews

White Background



This preview shows how the XYZ color 40.2340, 46.8386, 48.5152 looks on a white background.

Color Contrast Check

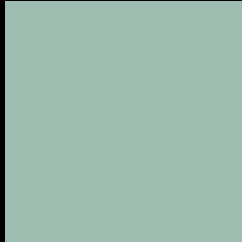
Large Text (above 18pt) WCAG AA × Fail

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 40.2340, 46.8386, 48.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

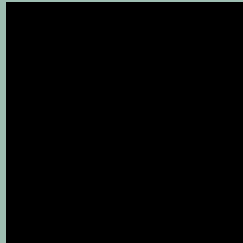
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2340, 46.8386, 48.5152

Background



This preview shows how black text looks on a background with the XYZ color 40.2340, 46.8386, 48.5152.



This preview shows how white text looks on a background with the XYZ color 40.2340, 46.8386,

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

40.2340, 46.8386, 48.5152

Protanopia

44.5602, 46.6297, 46.1870

Deuteranopia

47.5830, 46.6253, 49.6717



Tritanopia

42.8845, 46.9693, 61.4493

Trichromacy



Original Color

40.2340, 46.8386, 48.5152

Protanomaly

42.6850, 46.5671, 46.7830

Deuteranomaly

44.6681, 46.6167, 49.2915

Tritanomaly

41.9827, 46.9235, 56.7136

Monochromacy



Original Color

40.2340, 46.8386, 48.5152

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.5584, 45.3282, 48.6783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2340, 46.8386, 48.5152 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(158, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(158, 189, 177)  
}
```

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(158, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 189, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.2340, 46.8386, 48.5152 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(158, 189, 177) }
```


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

```
.border{ border-color:rgb(158, 189, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 189, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(158, 189,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2340, 46.8386, 48.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 189, 177) }
```

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

```
.background{ background-color: rgb(158,  
189, 177) }
```

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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