

Converting Colors

XYZ(35.4195, 41.6361, 39.1004)

Have a look what the booklet for
XYZ(35.4195, 41.6361, 39.1004)
contains.

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Color

**XYZ(35.5282, 41.8211,
39.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	98B49F
RGB	152, 180, 159
RGB Percent	60%, 71%, 62%
CMY	0.4039, 0.2941, 0.3765
CMYK	0.16, 0.00, 0.12, 0.29
HSL	135°, 16%, 65%
HSV	135°, 16%, 71%
XYZ	35.5282, 41.8211, 39.0006
YIQ	169.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

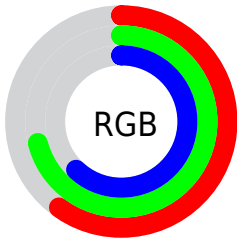
Format	Color
RYB	152, 174, 180
Decimal	10007711
CIELab	70.75, -13.74, 7.53
CIElCh	71, 15.663, 151.274
Yxy	41.8211, 0.3054, 0.3594
Android (android.graphics.Color)	4288197791 (0xFF98B49F)
YUV	169.2340, -5.0454, -15.1142
Hunter-Lab	64.6692, -15.1062, 9.5120

Details

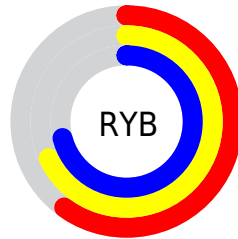
The XYZ color **35.5282, 41.8211, 39.0006** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5950, 35.1780, 44.3458**, and the grayscale version is **37.8566, 39.8281, 43.3728**.

A 20% lighter version of the original color is **67.5867, 77.9678, 75.1054**, and **15.6630, 19.0282, 17.0346** is the 20% darker color. If you saturate the color by 10%, you get **31.3033, 39.7723, 33.0178**, and if you desaturate by 10%, it is **40.3947, 44.1882, 45.6832**.

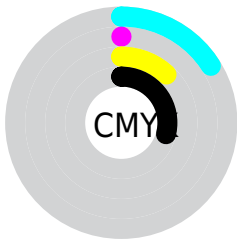
Distribution



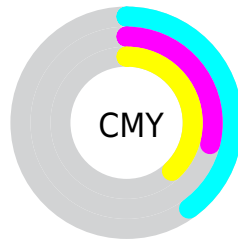
- Red (60%)
- Green (71%)
- Blue (62%)



- Red (60%)
- Yellow (68%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5282, 41.8211, 39.0006 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 35.5282, 41.8211, 39.0006 by changing the saturation by 10% instead.

■ 35.5282, 41.8211,
39.0006

■ 35.5282, 41.8211,
39.0006

318.3610,
353.7408, 357.3191

■ 24.2385, 28.9612,
26.4524

■ 67.6319, 77.9288,
74.8596

■ 15.6363, 19.0515,
16.9336

■ 89.1765, 101.9454,
99.0074

■ 9.3564, 11.7075,
10.0257

114.8702,
130.4497, 127.8589

■ 5.0333, 6.5448,
5.3102

145.0782,
163.8262, 161.8324

■ 2.3018, 3.1791,
2.3685

180.1659,
202.4591, 201.3467

■ 0.7956, 1.2259,
0.7692

220.4987,

■ 0.0000, 0.0827,

246.7329, 246.8202

0.0000

266.4420,
297.0320, 298.6715

■ 0.0000, 0.0000,
0.0000

■ 35.5282, 41.8211,
39.0006

■ 35.5282, 41.8211,
39.0006

■ 31.3033, 39.7723,
33.0178

■ 40.3947, 44.1882,
45.6832

■ 27.6894, 38.0231,
27.7095

■ 45.9249, 46.8810,
53.0845

■ 24.6588, 36.5607,
23.0527

■ 52.1438, 49.9132,
61.2259

■ 22.1800, 35.3694,
19.0221

■ 59.0743, 53.2962,
70.1275

■ 20.2185, 34.4321,
15.5908

■ 66.7381, 57.0407,
79.8081

■ 18.7357, 33.7295,
12.7300

■ 73.2911, 60.1957,
90.1990

■ 17.6876, 33.2395,
10.4084

■ 75.3726, 61.0283,
101.1596

■ 17.0196, 32.9347,
8.5914

■ 75.6120, 61.1241,
102.4207

■ 16.7956, 32.8335,
7.9345

Harmonies

Analogous

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



37.2125, 41.8211, 34.3706



35.5282, 41.8211, 39.0006



34.9619, 41.8211, 45.8549

Triad

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



35.5282, 41.8211, 39.0006



39.8609, 41.8211, 61.3881



44.1738, 41.8211, 38.5059

Complementary

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



35.5282, 41.8211, 39.0006



37.5950, 35.1780, 44.3458

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.



44.9557, 41.8211, 45.2187



35.5282, 41.8211, 39.0006



42.3997, 41.8211, 58.8903

Square

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



35.5282, 41.8211, 39.0006



37.3969, 41.8211, 59.2687



44.2930, 41.8211, 52.7637



42.1992, 41.8211, 34.1076

Rectangle

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



35.5282, 41.8211, 39.0006



35.2742, 41.8211, 50.9264



44.2930, 41.8211, 52.7637



44.5886, 41.8211, 40.5402

Sweetspot

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



35.5293, 41.8229, 39.0015



73.6856, 80.3353, 83.4319



39.3274, 43.8490, 36.0974



15.7852, 17.2948, 17.8417



86.6293, 91.1408, 99.2523



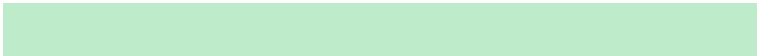
17.0014, 17.8868, 19.4787

Same Dimension

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



35.5293, 41.8229, 39.0015



61.3981, 74.3633, 66.4797



36.7693, 42.3188, 45.5309



8.4732, 9.5238, 9.4857



11.7451, 22.9240, 5.6603



0.3933, 0.7308, 0.3034

Inverse Universe

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



37.5950, 35.1780, 44.3458



65.9292, 59.7848, 78.2008



36.3506, 34.6803, 37.7927



8.7574, 8.6097, 10.2212



16.2173, 8.0045, 16.8359



0.5320, 0.2605, 0.6440

Previews

White Background



This preview shows how the XYZ color 35.5282, 41.8211, 39.0006 looks on a white background.

Color Contrast Check

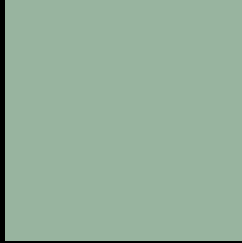
Large Text (above 18pt) WCAG AA × Fail

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 35.5282, 41.8211, 39.0006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

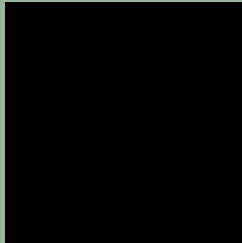
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5282, 41.8211, 39.0006

Background



This preview shows how black text looks on a background with the XYZ color 35.5282, 41.8211, 39.0006.



This preview shows how white text looks on a background with the XYZ color 35.5282, 41.8211,

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

35.5282, 41.8211, 39.0006

Protanopia

39.4913, 41.5749, 36.9537

Deuteranopia

42.5884, 41.7154, 39.9896



Tritanopia

38.7242, 41.9365, 54.7688

Trichromacy



Original Color

35.5282, 41.8211, 39.0006

Protanomaly

37.9083, 41.6063, 37.4853

Deuteranomaly

39.7760, 41.6620, 39.6634

Tritanomaly

37.3764, 41.6675, 48.7205

Monochromacy



Original Color

35.5282, 41.8211, 39.0006

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.8394, 40.3903, 41.4518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5282, 41.8211, 39.0006 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(152, 180, 159)` looks like.

```
.text, #text, p{  
    color:rgb(152, 180, 159)  
}
```

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(152, 180, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 180, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.5282, 41.8211, 39.0006 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(152, 180, 159) }
```


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

```
.border{ border-color:rgb(152, 180, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 180, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 180, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 180, 159);  
box-shadow:4px 4px 4px 4px rgb(152, 180,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5282, 41.8211, 39.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 180, 159) }
```

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

```
.background{ background-color: rgb(152,  
180, 159) }
```

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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