

Converting Colors

XYZ(35.8556, 40.6146, 47.5446)

Have a look what the booklet for
XYZ(35.8556, 40.6146, 47.5446)
contains.

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Color

**XYZ(35.8556, 40.6146,
47.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	95B0B1
RGB	149, 176, 177
RGB Percent	58%, 69%, 69%
CMY	0.4157, 0.3098, 0.3059
CMYK	0.16, 0.01, 0.00, 0.31
HSL	182°, 15%, 64%
HSV	182°, 16%, 69%
XYZ	35.8556, 40.6146, 47.5446
YIQ	168.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

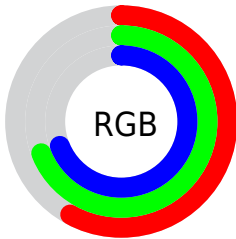
Format	Color
RYB	149, 163, 177
Decimal	9810097
CIELab	69.91, -9.00, -3.62
CIElCh	70, 9.702, 201.907
Yxy	40.6146, 0.2891, 0.3275
Android (android.graphics.Color)	4288000177 (0xFF95B0B1)
YUV	168.0410, 4.4168, -16.6990
Hunter-Lab	63.7296, -11.0989, 0.3782

Details

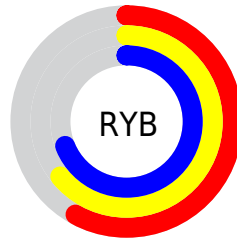
The XYZ color **35.8556, 40.6146, 47.5446** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4629, 33.3297, 33.0514**, and the grayscale version is **37.2253, 39.1639, 42.6495**.

A 20% lighter version of the original color is **68.1932, 76.2929, 88.2226**, and **15.7581, 18.2178, 21.7546** is the 20% darker color. If you saturate the color by 10%, you get **32.7455, 38.8293, 47.3646**, and if you desaturate by 10%, it is **39.4594, 42.6575, 47.7496**.

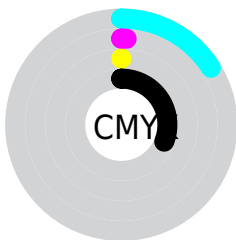
Distribution



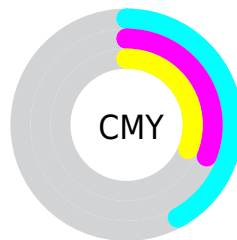
- Red (58%)
- Green (69%)
- Blue (69%)



- Red (58%)
- Yellow (64%)
- Blue (69%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8556, 40.6146, 47.5446 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 35.8556, 40.6146, 47.5446 by changing the saturation by 10% instead.

■ 35.8556, 40.6146,
47.5446

■ 35.8556, 40.6146,
47.5446

319.7712,
348.7073, 393.4407

■ 24.4923, 28.0181,
33.1090

■ 68.1345, 76.0985,
87.8844

■ 15.8259, 18.3393,
21.9381

■ 89.7807, 99.7547,
114.6257

■ 9.4911, 11.1938,
13.6136

115.5853,
127.8661, 146.3060

■ 5.1225, 6.1974,
7.7167

145.9137,
160.8173, 183.3438

■ 2.3548, 2.9655,
3.8291

181.1311,
198.9927, 226.1576

■ 0.8225, 1.1137,
1.5320

221.6029,

■ 0.0000, 0.0000,

242.7765, 275.1660

0.2416

267.6945,
292.5532, 330.7875

■ 0.0000, 0.0000,
0.0000

■ 35.8556, 40.6146,
47.5446

■ 35.8556, 40.6146,
47.5446

■ 32.7455, 38.8293,
47.3646

■ 39.4594, 42.6575,
47.7496

■ 30.1036, 37.2850,
47.2057

■ 43.5741, 44.9635,
47.9779

■ 27.9072, 35.9713,
47.0679

■ 48.2203, 47.5444,
48.2311

■ 26.1305, 34.8748,
46.9499

■ 53.4166, 50.4097,
48.5103

■ 24.7449, 33.9808,
46.8504

■ 59.1805, 53.5685,
48.8162

■ 23.7184, 33.2728,
46.7678

■ 65.4542, 56.9910,
49.1462

■ 23.0140, 32.7316,
46.7005

■ 65.5816, 57.2457,
49.1886

■ 22.5839, 32.3327,
46.6462

■ 65.7096, 57.5017,
49.2313

■ 22.4415, 32.1855,
46.6253

■ 65.8381, 57.7588,
49.2741

Harmonies

Analogous

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



35.6761, 40.6146, 43.0103



35.8556, 40.6146, 47.5446



36.7610, 40.6146, 51.4203

Triad

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



35.8556, 40.6146, 47.5446



41.0406, 40.6146, 49.8033



39.0317, 40.6146, 36.1647

Complementary

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



35.8556, 40.6146, 47.5446



34.4629, 33.3297, 33.0514

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.



40.5054, 40.6146, 37.7297



35.8556, 40.6146, 47.5446



41.6857, 40.6146, 45.4571

Square

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



35.8556, 40.6146, 47.5446



39.7462, 40.6146, 52.7850



41.4872, 40.6146, 41.0587



37.4819, 40.6146, 36.6398

Rectangle

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



35.8556, 40.6146, 47.5446



37.6683, 40.6146, 53.0079



41.4872, 40.6146, 41.0587



39.5530, 40.6146, 36.4656

Sweetspot

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



35.8568, 40.6163, 47.5455



71.1783, 76.6835, 85.5452



33.6169, 40.0344, 34.7824



15.3225, 16.5606, 18.5333



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.8568, 40.6163, 47.5455



62.1657, 71.5685, 85.0329



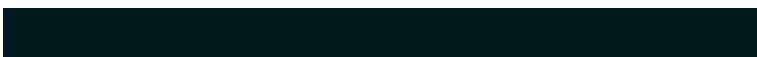
33.2630, 35.4288, 46.6809



8.7162, 9.5786, 10.8958



16.2692, 23.3387, 33.7843



0.5199, 0.7503, 1.0657

Inverse Universe

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



36.7163, 33.9775, 45.6994



64.0059, 57.4124, 81.0682



36.8205, 38.0448, 33.8372



8.8367, 8.6414, 10.6385



18.4466, 8.8962, 28.5754



0.5844, 0.2815, 0.9203

Previews

White Background



This preview shows how the XYZ color 35.8556, 40.6146, 47.5446 looks on a white background.

Color Contrast Check

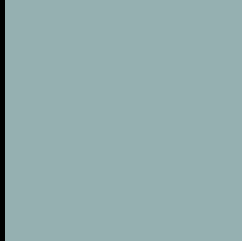
Large Text (above 18pt) WCAG AA × Fail

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 35.8556, 40.6146, 47.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

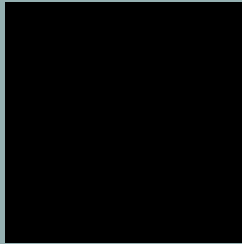
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8556, 40.6146, 47.5446

Background



This preview shows how black text looks on a background with the XYZ color 35.8556, 40.6146, 47.5446.



This preview shows how white text looks on a background with the XYZ color 35.8556, 40.6146,

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

35.8556, 40.6146, 47.5446

Protanopia

39.1511, 40.6508, 45.3181

Deuteranopia

41.1203, 40.2322, 48.2461



Tritanopia

36.9757, 40.4823, 53.4420

Trichromacy



Original Color

35.8556, 40.6146, 47.5446

Protanomaly

37.7023, 40.4536, 45.8656

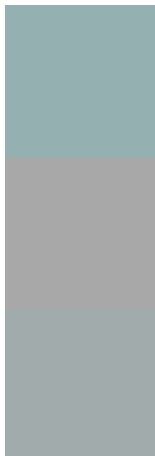
Deuteranomaly

39.0184, 40.2482, 47.8317

Tritanomaly

36.5594, 40.6047, 51.2580

Monochromacy



Original Color

35.8556, 40.6146, 47.5446

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6115, 39.6432, 44.2503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8556, 40.6146, 47.5446 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(149, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 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(149, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 177) }
```

Border

The CSS property to change the border of an element to XYZ 35.8556, 40.6146, 47.5446 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(149, 176, 177) }
```


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

```
.border{ border-color:rgb(149, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8556, 40.6146, 47.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 177) }
```

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

```
.background{ background-color: rgb(149,  
176, 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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