

Converting Colors

XYZ(35.0689, 40.3684, 47.1946)

Have a look what the booklet for
XYZ(35.0689, 40.3684, 47.1946)
contains.

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Color

**XYZ(35.0602, 40.5082,
47.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	90B1B0
RGB	144, 177, 176
RGB Percent	56%, 69%, 69%
CMY	0.4353, 0.3059, 0.3098
CMYK	0.19, 0.00, 0.01, 0.31
HSL	178°, 17%, 63%
HSV	178°, 19%, 69%
XYZ	35.0602, 40.5082, 47.0453
YIQ	167.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

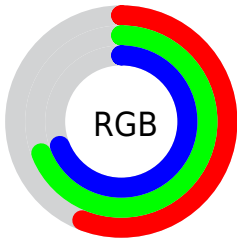
Format	Color
RYB	144, 161, 177
Decimal	9482672
CIELab	69.83, -11.37, -3.22
CIELCh	70, 11.815, 195.796
Yxy	40.5082, 0.2859, 0.3304
Android (android.graphics.Color)	4287672752 (0xFF90B1B0)
YUV	167.0190, 4.4276, -20.1877
Hunter-Lab	63.6461, -13.0517, 0.7268

Details

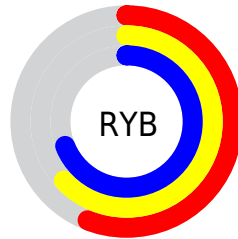
The XYZ color **35.0602, 40.5082, 47.0453** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.2170, 31.3390, 31.0880**, and the grayscale version is **36.7266, 38.6393, 42.0782**.

A 20% lighter version of the original color is **66.9931, 76.1098, 87.5037**, and **15.3599, 18.1977, 21.7717** is the 20% darker color. If you saturate the color by 10%, you get **32.1551, 39.0177, 46.6330**, and if you desaturate by 10%, it is **38.4526, 42.2520, 47.4832**.

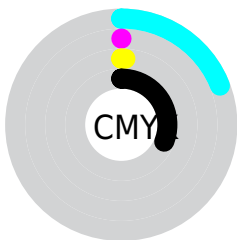
Distribution



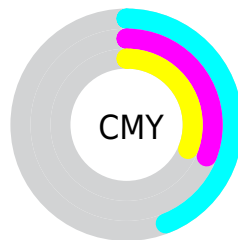
- Red (56%)
- Green (69%)
- Blue (69%)



- Red (56%)
- Yellow (63%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (44%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0602, 40.5082, 47.0453 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 35.0602, 40.5082, 47.0453 by changing the saturation by 10% instead.

■ 35.0602, 40.5082,
47.0453

■ 35.0602, 40.5082,
47.0453

316.3373,
348.2609, 391.3943

■ 23.8760, 27.9350,
32.7169

■ 66.9124, 75.9368,
87.1319

■ 15.3659, 18.2767,
21.6403

■ 88.3111, 99.5609,
113.7272

■ 9.1646, 11.1488,
13.3971

113.8454,
127.6375, 145.2485

■ 4.9066, 6.1670,
7.5686

143.8806,
160.5509, 182.1144

■ 2.2268, 2.9469,
3.7364

178.7820,
198.6856, 224.7433

■ 0.7568, 1.1041,
1.4819

218.9150,

■ 0.0000, 0.0000,

242.4259, 273.5540

0.2044

264.6450,
292.1562, 328.9648

■ 0.0000, 0.0000,
0.0000

■ 35.0602, 40.5082,
47.0453

■ 35.0602, 40.5082,
47.0453

■ 32.1551, 39.0177,
46.6330

■ 38.4526, 42.2520,
47.4832

■ 29.7112, 37.7640,
46.2425

■ 42.3499, 44.2549,
47.9450

■ 27.7054, 36.7360,
45.8736

■ 46.7730, 46.5289,
48.4325

■ 26.1111, 35.9203,
45.5251

■ 51.7406, 49.0835,
48.9466

■ 24.8991, 35.3015,
45.1955

■ 57.2706, 51.9281,
49.4882

■ 24.0359, 34.8625,
44.8834

■ 63.3801, 55.0714,
50.0579

■ 23.4826, 34.5832,
44.5869

■ 65.1772, 55.9915,
50.4270

■ 23.1705, 34.4283,
44.3027

■ 65.2320, 56.0134,
50.7156

■ 23.1335, 34.4100,
44.2646

■ 65.2870, 56.0355,
51.0053

Harmonies

Analogous

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



35.0353, 40.5082, 41.5646



35.0602, 40.5082, 47.0453



35.9867, 40.5082, 52.1217

Triad

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



35.0602, 40.5082, 47.0453



41.2072, 40.5082, 51.8901



39.4141, 40.5082, 34.6371

Complementary

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



35.0602, 40.5082, 47.0453



33.2170, 31.3390, 31.0880

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.



41.1315, 40.5082, 36.9583



35.0602, 40.5082, 47.0453



42.1898, 40.5082, 46.7500

Square

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



35.0602, 40.5082, 47.0453



39.5147, 40.5082, 55.0733



42.1616, 40.5082, 41.2928



37.5064, 40.5082, 34.7018

Rectangle

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



35.0602, 40.5082, 47.0453



37.0091, 40.5082, 54.4613



42.1616, 40.5082, 41.2928



40.0341, 40.5082, 35.1553

Sweetspot

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



35.0614, 40.5099, 47.0462



70.5513, 76.5353, 85.2429



32.4520, 39.4884, 32.2978



15.1979, 16.5393, 18.4624



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.



35.0614, 40.5099, 47.0462



60.7495, 71.5002, 83.9733



32.2885, 34.8048, 46.6132



8.7313, 9.6270, 10.8446



16.7644, 24.9318, 32.0920



0.5309, 0.7858, 1.0279

Inverse Universe

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



33.2170, 31.3390, 31.0880



56.8887, 52.3021, 50.5680



35.6340, 36.2962, 31.5139



8.5065, 8.5093, 8.8995



13.1623, 6.7825, 0.7489



0.4176, 0.2148, 0.0417

Previews

White Background



This preview shows how the XYZ color 35.0602, 40.5082, 47.0453 looks on a white background.

Color Contrast Check

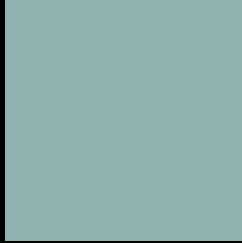
Large Text (above 18pt) WCAG AA × Fail

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 35.0602, 40.5082, 47.0453 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

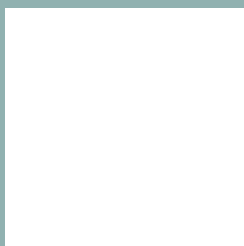
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0602, 40.5082, 47.0453

Background



This preview shows how black text looks on a background with the XYZ color 35.0602, 40.5082, 47.0453.

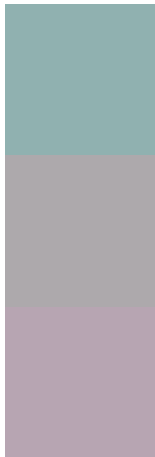


This preview shows how white text looks on a background with the XYZ color 35.0602, 40.5082,

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

35.0602, 40.5082, 47.0453

Protanopia

38.8679, 40.2387, 44.7480

Deuteranopia

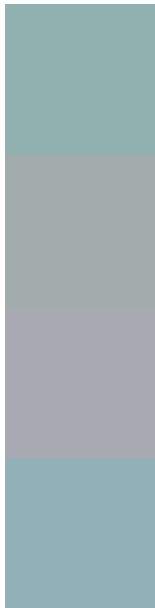
41.0195, 40.1919, 47.7153



Tritanopia

36.5479, 40.5371, 54.0423

Trichromacy



Original Color

35.0602, 40.5082, 47.0453

Protanomaly

37.1956, 40.2036, 45.3348

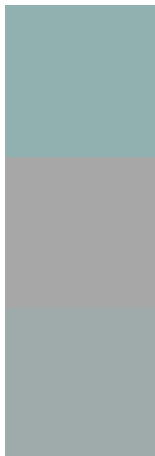
Deuteranomaly

38.4860, 39.9853, 47.2845

Tritanomaly

36.0311, 40.6224, 51.2893

Monochromacy



Original Color

35.0602, 40.5082, 47.0453

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.1167, 39.3990, 43.7314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0602, 40.5082, 47.0453 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(144, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(144, 177, 176)  
}
```

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(144, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 177, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.0602, 40.5082, 47.0453 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(144, 177, 176) }
```


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

```
.border{ border-color:rgb(144, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(144, 177,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0602, 40.5082, 47.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 177, 176) }
```

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

```
.background{ background-color: rgb(144,  
177, 176) }
```

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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