

Converting Colors

XYZ(35.6194, 40.6941, 48.8009)

Have a look what the booklet for
XYZ(35.6194, 40.6941, 48.8009)
contains.

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Color

**XYZ(35.7129, 40.8099,
48.6427)**

Conversions

Conversions Part 1

Format	Color
Hex	92B1B3
RGB	146, 177, 179
RGB Percent	57%, 69%, 70%
CMY	0.4274, 0.3059, 0.2980
CMYK	0.18, 0.01, 0.00, 0.30
HSL	184°, 18%, 64%
HSV	184°, 18%, 70%
XYZ	35.7129, 40.8099, 48.6427
YIQ	167.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

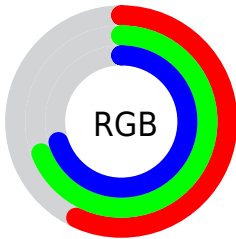
Format	Color
R_{YB}	146, 162, 179
Decimal	9613747
CIE _{Lab}	70.04, -10.07, -4.54
CIE _{LCh}	70, 11.050, 204.270
Y _{xy}	40.8099, 0.2853, 0.3260
Android (android.graphics.Color)	4287803827 (0xFF92B1B3)
YUV	167.9590, 5.4432, -19.2580
Hunter-Lab	63.8826, -12.0061, -0.4279

Details

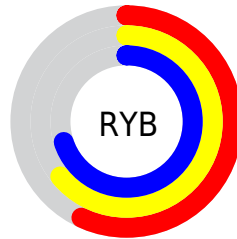
The XYZ color **35.7129, 40.8099, 48.6427** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.3691, 32.8390, 31.7221**, and the grayscale version is **37.1811, 39.1174, 42.5989**.

A 20% lighter version of the original color is **67.9537, 76.5553, 89.7924**, and **15.6929, 18.3546, 22.4543** is the 20% darker color. If you saturate the color by 10%, you get **32.5639, 38.8711, 48.4351**, and if you desaturate by 10%, it is **39.3642, 43.0123, 48.8760**.

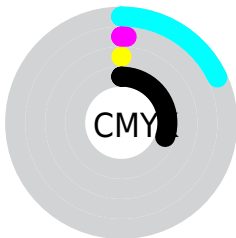
Distribution



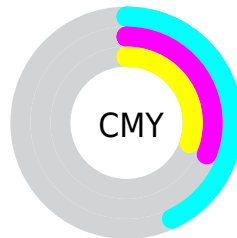
- Red (57%)
- Green (69%)
- Blue (70%)



- Red (57%)
- Yellow (64%)
- Blue (70%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (43%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7129, 40.8099, 48.6427 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 35.7129, 40.8099, 48.6427 by changing the saturation by 10% instead.

■ 35.7129, 40.8099,
48.6427

■ 35.7129, 40.8099,
48.6427

319.1571,
349.5255, 397.9160

■ 24.3816, 28.1706,
33.9725

■ 67.9155, 76.3952,
89.5360

■ 15.7432, 18.4543,
22.5953

■ 89.5175, 100.1100,
116.5963

■ 9.4323, 11.2766,
14.0925

115.2738,
128.2854, 148.6236

■ 5.0836, 6.2532,
8.0455

145.5497,
161.3059, 186.0367

■ 2.3317, 2.9997,
4.0359

180.7107,
199.5557, 229.2538

■ 0.8108, 1.1316,
1.6451

221.1220,

■ 0.0000, 0.0047,

243.4193, 278.6938

0.3227

267.1490,
293.2811, 334.7750

■ 0.0000, 0.0000,
0.0000

■ 35.7129, 40.8099,
48.6427

■ 35.7129, 40.8099,
48.6427

■ 32.5639, 38.8711,
48.4351

■ 39.3642, 43.0123,
48.8760

■ 29.8905, 37.1789,
48.2494

■ 43.5360, 45.4845,
49.1333

■ 27.6689, 35.7221,
48.0853

■ 48.2496, 48.2386,
49.4165

■ 25.8720, 34.4868,
47.9416

■ 53.5243, 51.2845,
49.7264

■ 24.4695, 33.4573,
47.8168

■ 59.3785, 54.6316,
50.0639

■ 23.4274, 32.6161,
47.7093

■ 65.8297, 58.2891,
50.4298

■ 22.7056, 31.9425,
47.6173

■ 66.6400, 59.0411,
50.5323

■ 22.2362, 31.4015,
47.5377

■ 66.8669, 59.4950,
50.6079

■ 22.1698, 31.3207,
47.5256

■ 67.0956, 59.9523,
50.6842

Harmonies

Analogous

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



35.4400, 40.8099, 43.4509



35.7129, 40.8099, 48.6427



36.7989, 40.8099, 52.9930

Triad

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



35.7129, 40.8099, 48.6427



41.6718, 40.8099, 50.4897



39.1358, 40.8099, 35.2691

Complementary

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



35.7129, 40.8099, 48.6427



34.3691, 32.8390, 31.7221

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.



40.8488, 40.8099, 36.8519



35.7129, 40.8099, 48.6427



42.3417, 40.8099, 45.4339

Square

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



35.7129, 40.8099, 48.6427



40.2312, 40.8099, 54.1158



42.0360, 40.8099, 40.4773



37.3809, 40.8099, 35.9836

Rectangle

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



35.7129, 40.8099, 48.6427



37.8562, 40.8099, 54.6946



42.0360, 40.8099, 40.4773



39.7362, 40.8099, 35.5461

Sweetspot

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



35.7141, 40.8116, 48.6436



72.1579, 78.0219, 87.6378



33.2926, 40.4790, 33.9313



15.8845, 17.2250, 19.4098



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.



35.7141, 40.8116, 48.6436



61.6365, 71.6688, 86.9660



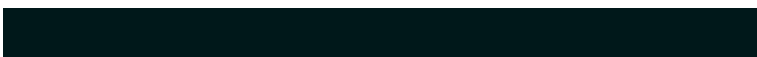
32.7102, 34.8039, 47.6423



8.6977, 9.5417, 10.8896



15.6833, 22.1669, 33.5890



0.5066, 0.7238, 1.0612

Inverse Universe

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



36.8061, 33.3167, 46.0877



63.9558, 55.8664, 81.5114



37.0818, 38.2645, 32.6264



8.8274, 8.6377, 10.5894



18.1508, 8.7779, 27.0180



0.5778, 0.2789, 0.8851

Previews

White Background



This preview shows how the XYZ color 35.7129, 40.8099, 48.6427 looks on a white background.

Color Contrast Check

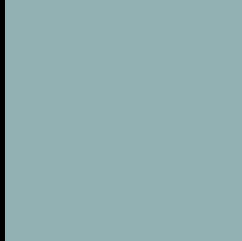
Large Text (above 18pt) WCAG AA × Fail

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 35.7129, 40.8099, 48.6427 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

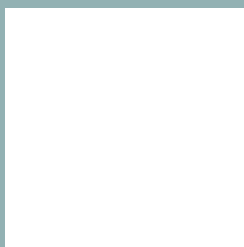
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7129, 40.8099, 48.6427

Background



This preview shows how black text looks on a background with the XYZ color 35.7129, 40.8099, 48.6427.



This preview shows how white text looks on a background with the XYZ color 35.7129, 40.8099,

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

35.7129, 40.8099, 48.6427

Protanopia

39.3462, 40.7288, 46.3451

Deuteranopia

41.5051, 40.6759, 49.3797



Tritanopia

36.7280, 40.6300, 54.0507

Trichromacy



Original Color

35.7129, 40.8099, 48.6427

Protanomaly

37.8843, 40.8083, 46.9544

Deuteranomaly

39.1905, 40.5908, 48.9493

Tritanomaly

36.3149, 40.7565, 51.8517

Monochromacy



Original Color

35.7129, 40.8099, 48.6427

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.5065, 39.5780, 44.7449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7129, 40.8099, 48.6427 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(146, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(146, 177, 179)  
}
```

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(146, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 177, 179) }
```

Border

The CSS property to change the border of an element to XYZ 35.7129, 40.8099, 48.6427 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(146, 177, 179) }
```


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

```
.border{ border-color:rgb(146, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(146, 177,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7129, 40.8099, 48.6427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 177, 179) }
```

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

```
.background{ background-color: rgb(146,  
177, 179) }
```

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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