

Converting Colors

XYZ(35.3147, 41.6099, 57.2092)

Have a look what the booklet for
XYZ(35.3147, 41.6099, 57.2092)
contains.

XYZ(35.3147, 41.6099, 57.2092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.3147, 41.6099,
57.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	81B5C2
RGB	129, 181, 194
RGB Percent	51%, 71%, 76%
CMY	0.4941, 0.2902, 0.2392
CMYK	0.34, 0.07, 0.00, 0.24
HSL	192°, 35%, 63%
HSV	192°, 34%, 76%
XYZ	35.3147, 41.6099, 57.2092
YIQ	166.9340, -35.1650, -6.9810

Conversions

Conversions Part 2

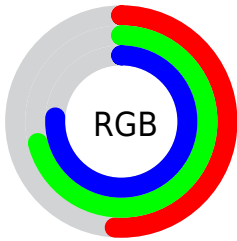
Format	Color
RYB	129, 158, 194
Decimal	8500674
CIELab	70.60, -13.83, -12.07
CIELCh	71, 18.357, 221.126
Yxy	41.6099, 0.2633, 0.3102
Android (android.graphics.Color)	4286690754 (0xFF81B5C2)
YUV	166.9340, 13.3435, -33.2681
Hunter-Lab	64.5057, -15.1624, -7.4294

Details

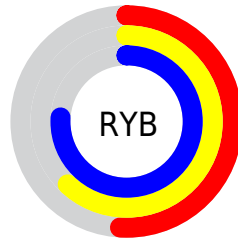
The XYZ color **35.3147, 41.6099, 57.2092** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8841, 32.4007, 25.1324**, and the grayscale version is **36.6488, 38.5574, 41.9890**.

A 20% lighter version of the original color is **67.3067, 77.6608, 101.8851**, and **15.4333, 18.8683, 27.6395** is the 20% darker color. If you saturate the color by 10%, you get **31.8654, 38.6779, 56.8258**, and if you desaturate by 10%, it is **39.3479, 44.8775, 57.6281**.

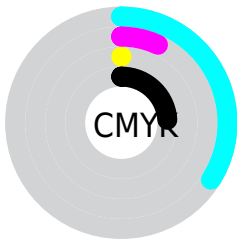
Distribution



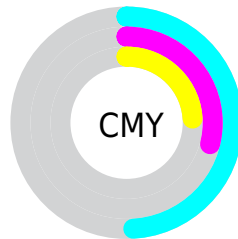
- Red (51%)
- Green (71%)
- Blue (76%)



- Red (51%)
- Yellow (62%)
- Blue (76%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3147, 41.6099, 57.2092 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 35.3147, 41.6099, 57.2092 by changing the saturation by 10% instead.

■ 35.3147, 41.6099,
57.2092

■ 35.3147, 41.6099,
57.2092

317.4390,
352.8633, 431.7484

■ 24.0730, 28.7960,
40.7627

■ 67.3038, 77.6089,
102.2737

■ 15.5128, 18.9265,
27.8154

■ 88.7820, 101.5627,
131.7289

■ 9.2687, 11.6172,
17.9488

■ 114.4030,
129.9986, 166.3574

■ 4.9754, 6.4836,
10.7441

144.5323,
163.3010, 206.5777

■ 2.2674, 3.1413,
5.7831

179.5352,
201.8543, 252.8084

■ 0.7779, 1.2059,
2.6470

219.7770,

■ 0.0000, 0.0665,

246.0428, 305.4681

0.9166

265.6232,
296.2510, 364.9753

■ 0.0000, 0.0000,
0.0000

■ 35.3147, 41.6099,
57.2092

■ 35.3147, 41.6099,
57.2092

■ 31.8654, 38.6779,
56.8258

■ 39.3479, 44.8775,
57.6281

■ 28.9644, 36.0599,
56.4733

■ 43.9908, 48.4913,
58.0809

■ 26.5778, 33.7391,
56.1512

■ 49.2718, 52.4673,
58.5700

■ 24.6662, 31.6951,
55.8574

■ 55.2168, 56.8188,
59.0966

■ 23.1845, 29.9043,
55.5898

■ 61.8500, 61.5588,
59.6619

■ 22.0782, 28.3382,
55.3459

■ 69.1943, 66.6993,
60.2670

■ 21.4935, 27.4066,
55.1969

■ 73.5726, 70.3448,
60.7399

■ 74.5310, 72.2616,
61.0594

■ 75.5128, 74.2251,
61.3866

Harmonies

Analogous

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



34.0958, 41.6099, 48.6077



35.3147, 41.6099, 57.2092



37.6914, 41.6099, 63.0284

Triad

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



35.3147, 41.6099, 57.2092



45.3308, 41.6099, 50.9295



38.4337, 41.6099, 30.8085

Complementary

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



35.3147, 41.6099, 57.2092



35.8841, 32.4007, 25.1324

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.



41.4666, 41.6099, 31.2626



35.3147, 41.6099, 57.2092



45.5547, 41.6099, 42.1576

Square

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



35.3147, 41.6099, 57.2092



43.5120, 41.6099, 59.0949



44.1088, 41.6099, 35.1804



35.8342, 41.6099, 33.8487

Rectangle

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



35.3147, 41.6099, 57.2092



39.6637, 41.6099, 64.1506



44.1088, 41.6099, 35.1804



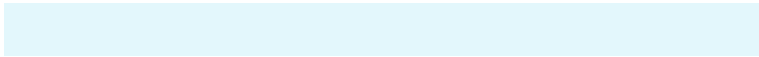
39.4344, 41.6099, 30.5687

Sweetspot

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



35.3160, 41.6115, 57.2102



82.7691, 90.1886, 105.5155



33.1474, 45.1721, 32.1398



17.8340, 19.5292, 23.0795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.3160, 41.6115, 57.2102



59.4210, 71.5392, 103.1464



29.6317, 30.2431, 55.3154



10.1919, 11.0752, 12.8854



14.1900, 18.1364, 36.3094



0.6577, 0.8727, 1.5837

Inverse Universe

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



38.4399, 30.5070, 47.5803



66.0525, 48.9052, 82.4937



41.2350, 43.1024, 26.9161



10.4082, 10.2119, 12.2400



18.5584, 9.1131, 21.3844



0.8243, 0.4027, 1.0424

Previews

White Background



This preview shows how the XYZ color 35.3147, 41.6099, 57.2092 looks on a white background.

Color Contrast Check

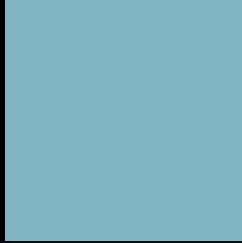
Large Text (above 18pt) WCAG AA × Fail

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 35.3147, 41.6099, 57.2092 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 35.3147, 41.6099, 57.2092

Background



This preview shows how black text looks on a background with the XYZ color 35.3147, 41.6099, 57.2092.



This preview shows how white text looks on a background with the XYZ color 35.3147, 41.6099,

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

35.3147, 41.6099, 57.2092

Protanopia

40.4346, 41.4146, 53.4396

Deuteranopia

42.2121, 41.3836, 58.5863



Tritanopia

35.4275, 41.6550, 57.8028

Trichromacy



Original Color

35.3147, 41.6099, 57.2092

Protanomaly

38.3345, 41.4456, 54.6945

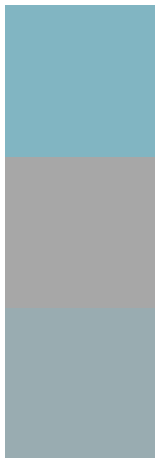
Deuteranomaly

39.4046, 41.3462, 58.1283

Tritanomaly

35.4275, 41.6550, 57.8028

Monochromacy



Original Color

35.3147, 41.6099, 57.2092

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8252, 39.4517, 47.3217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3147, 41.6099, 57.2092 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(129, 181, 194)` looks like.

```
.text, #text, p{  
    color:rgb(129, 181, 194)  
}
```

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(129, 181, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 181, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.3147, 41.6099, 57.2092 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(129, 181, 194) }
```


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

```
.border{ border-color:rgb(129, 181, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 181, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 181, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 181, 194); box-shadow:4px 4px 4px 4px rgb(129, 181, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3147, 41.6099, 57.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 181, 194) }
```

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

```
.background{ background-color: rgb(129,  
181, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor