

Converting Colors

XYZ(35.3053, 42.0513, 57.3176)

Have a look what the booklet for
XYZ(35.3053, 42.0513, 57.3176)
contains.

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Color

**XYZ(35.2179, 41.8630,
57.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB6C2
RGB	127, 182, 194
RGB Percent	50%, 71%, 76%
CMY	0.5020, 0.2863, 0.2392
CMYK	0.35, 0.06, 0.00, 0.24
HSL	191°, 35%, 63%
HSV	191°, 35%, 76%
XYZ	35.2179, 41.8630, 57.2631
YIQ	166.9230, -36.6320, -7.9280

Conversions

Conversions Part 2

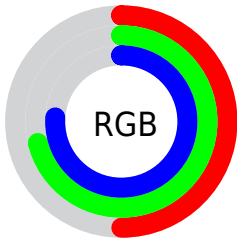
Format	Color
RYB	127, 157, 194
Decimal	8369858
CIELab	70.78, -14.91, -11.82
CIElCh	71, 19.029, 218.408
Yxy	41.8630, 0.2621, 0.3116
Android (android.graphics.Color)	4286559938 (0xFF7FB6C2)
YUV	166.9230, 13.3490, -35.0125
Hunter-Lab	64.7016, -16.0681, -7.1825

Details

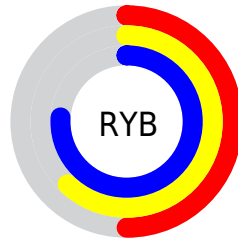
The XYZ color **35.2179, 41.8630, 57.2631** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.3120, 31.4671, 24.2921**, and the grayscale version is **36.6440, 38.5523, 41.9834**.

A 20% lighter version of the original color is **67.1213, 77.9963, 101.9596**, and **15.4079, 19.0498, 27.6758** is the 20% darker color. If you saturate the color by 10%, you get **31.8998, 39.1103, 56.9074**, and if you desaturate by 10%, it is **39.1125, 44.9411, 57.6527**.

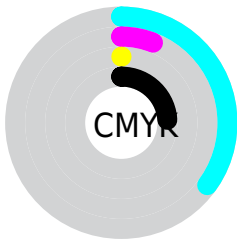
Distribution



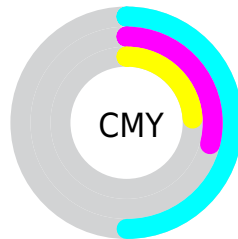
- Red (50%)
- Green (71%)
- Blue (76%)



- Red (50%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2179, 41.8630, 57.2631 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 35.2179, 41.8630, 57.2631 by changing the saturation by 10% instead.

■ 35.2179, 41.8630,
57.2631

■ 35.2179, 41.8630,
57.2631

317.0203,
353.9147, 431.9558

■ 23.9981, 28.9940,
40.8057

■ 67.1550, 77.9922,
102.3531

■ 15.4569, 19.0763,
27.8488

■ 88.6030, 102.0213,
131.8229

■ 9.2291, 11.7254,
17.9736

■ 114.1910,
130.5392, 166.4672

■ 4.9492, 6.5570,
10.7618

144.2846,
163.9303, 206.7046

■ 2.2519, 3.1866,
5.7948

179.2489,
202.5790, 252.9536

■ 0.7699, 1.2299,
2.6539

219.4494,

■ 0.0000, 0.0859,

246.8697, 305.6328

0.9201

265.2514,
297.1868, 365.1606

■ 0.0000, 0.0000,
0.0000

■ 35.2179, 41.8630,
57.2631

■ 35.2179, 41.8630,
57.2631

■ 31.8998, 39.1103,
56.9074

■ 39.1125, 44.9411,
57.6527

■ 29.1222, 36.6612,
56.5811

■ 43.6095, 48.3551,
58.0746

■ 26.8510, 34.4991,
56.2834

■ 48.7375, 52.1211,
58.5313

■ 25.0463, 32.6031,
56.0126

■ 54.5225, 56.2524,
59.0238

■ 23.6623, 30.9494,
55.7663

■ 60.9886, 60.7619,
59.5534

■ 22.6433, 29.5090,
55.5420

■ 68.1591, 65.6616,
60.1212

■ 22.1808, 28.7812,
55.4259

■ 73.1266, 69.4528,
60.5912

■ 73.9739, 71.1475,
60.8736

■ 74.8399, 72.8794,
61.1623

Harmonies

Analogous

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



34.0791, 41.8630, 48.1723



35.2179, 41.8630, 57.2631



37.5963, 41.8630, 63.7416

Triad

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



35.2179, 41.8630, 57.2631



45.7076, 41.8630, 52.2864



38.9081, 41.8630, 30.4502

Complementary

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



35.2179, 41.8630, 57.2631



35.3120, 31.4671, 24.2921

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.



42.0665, 41.8630, 31.2469



35.2179, 41.8630, 57.2631



46.1046, 41.8630, 43.0856

Square

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



35.2179, 41.8630, 57.2631



43.6829, 41.8630, 60.6141



44.7406, 41.8630, 35.6079



36.1347, 41.8630, 33.2660

Rectangle

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



35.2179, 41.8630, 57.2631



39.6210, 41.8630, 65.2716



44.7406, 41.8630, 35.6079



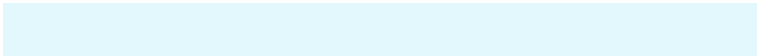
39.9585, 41.8630, 30.3127

Sweetspot

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



35.2192, 41.8647, 57.2641



82.9310, 90.5124, 105.5695



32.6445, 44.9362, 31.0619



17.8743, 19.6098, 23.0930



0.0000, 0.0000, 0.0000



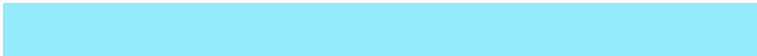
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2192, 41.8647, 57.2641



59.4253, 72.2386, 103.2812



29.2911, 30.0085, 55.2880



10.2102, 11.1117, 12.8915



14.6375, 19.0314, 36.4586



0.6735, 0.9044, 1.5889

Inverse Universe

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



38.2820, 30.0264, 48.0359



65.8860, 48.1929, 83.6076



40.7688, 42.3808, 26.1111



10.4174, 10.2156, 12.2885



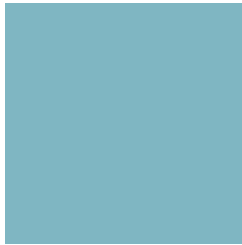
18.7843, 9.2035, 22.5739



0.8323, 0.4059, 1.0844

Previews

White Background



This preview shows how the XYZ color 35.2179, 41.8630, 57.2631 looks on a white background.

Color Contrast Check

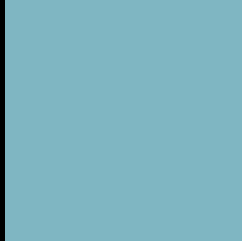
Large Text (above 18pt) WCAG AA × Fail

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 35.2179, 41.8630, 57.2631 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

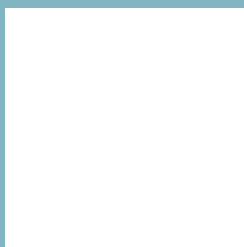
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2179, 41.8630, 57.2631

Background



This preview shows how black text looks on a background with the XYZ color 35.2179, 41.8630, 57.2631.

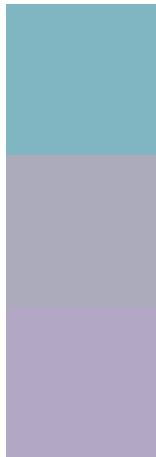


This preview shows how white text looks on a background with the XYZ color 35.2179, 41.8630,

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

35.2179, 41.8630, 57.2631

Protanopia

40.3271, 41.3716, 52.8738

Deuteranopia

42.4408, 41.5015, 58.5970



Tritanopia

35.5938, 42.0306, 58.4613

Trichromacy



Original Color

35.2179, 41.8630, 57.2631

Protanomaly

38.1418, 41.3462, 54.6855

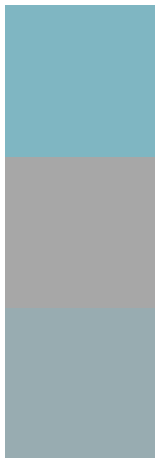
Deuteranomaly

39.2055, 41.2436, 58.1190

Tritanomaly

35.4804, 41.9852, 57.8637

Monochromacy



Original Color

35.2179, 41.8630, 57.2631

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.6372, 39.3548, 47.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2179, 41.8630, 57.2631 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(127, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(127, 182, 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(127, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 182, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.2179, 41.8630, 57.2631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

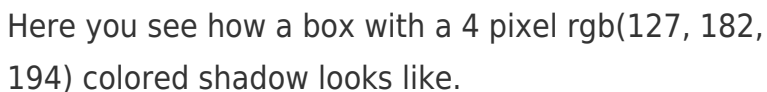
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 182, 194) }
```


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

```
.border{ border-color:rgb(127, 182, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 182, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 182, 194); box-shadow:4px 4px 4px 4px rgb(127, 182, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2179, 41.8630, 57.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 182, 194) }
```

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

```
.background{ background-color: rgb(127,  
182, 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](#).

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