

Converting Colors

XYZ(35.5841, 41.4045, 57.5978)

Have a look what the booklet for
XYZ(35.5841, 41.4045, 57.5978)
contains.

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Color

**XYZ(35.6873, 41.4882,
57.7569)**

Conversions

Conversions Part 1

Format	Color
Hex	84B4C3
RGB	132, 180, 195
RGB Percent	52%, 71%, 76%
CMY	0.4823, 0.2941, 0.2353
CMYK	0.32, 0.08, 0.00, 0.24
HSL	194°, 34%, 64%
HSV	194°, 32%, 76%
XYZ	35.6873, 41.4882, 57.7569
YIQ	167.3580, -33.4230, -5.5110

Conversions

Conversions Part 2

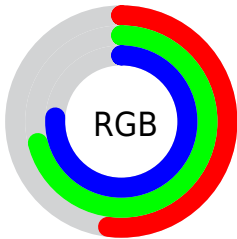
Format	Color
RYB	132, 159, 195
Decimal	8697027
CIELab	70.52, -12.20, -12.73
CIELCh	71, 17.636, 226.216
Yxy	41.4882, 0.2645, 0.3075
Android (android.graphics.Color)	4286887107 (0xFF84B4C3)
YUV	167.3580, 13.6275, -31.0090
Hunter-Lab	64.4113, -13.8214, -8.0767

Details

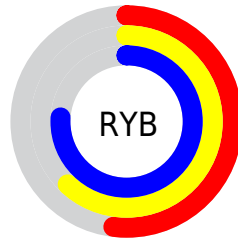
The XYZ color **35.6873, 41.4882, 57.7569** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1048, 34.1359, 26.4640**, and the grayscale version is **36.8534, 38.7727, 42.2234**.

A 20% lighter version of the original color is **68.0597, 77.5840, 103.4835**, and **15.7054, 18.8073, 28.0017** is the 20% darker color. If you saturate the color by 10%, you get **31.9970, 38.2187, 57.3210**, and if you desaturate by 10%, it is **39.9814, 45.1176, 58.2318**.

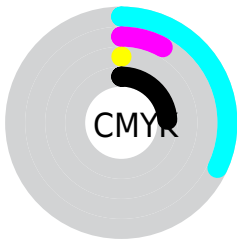
Distribution



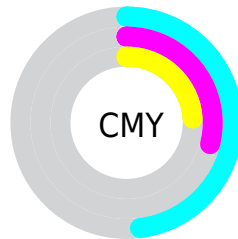
- Red (52%)
- Green (71%)
- Blue (76%)



- Red (52%)
- Yellow (62%)
- Blue (76%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (48%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6873, 41.4882, 57.7569 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 35.6873, 41.4882, 57.7569 by changing the saturation by 10% instead.

■ 35.6873, 41.4882,
57.7569

■ 35.6873, 41.4882,
57.7569

319.0468,
352.3569, 433.8524

■ 24.3618, 28.7008,
41.1998

■ 67.8762, 77.4244,
103.0800

■ 15.7284, 18.8546,
28.1544

■ 89.4702, 101.3420,
132.6832

■ 9.4218, 11.5652,
18.2020

■ 115.2179,
129.7385, 167.4721

■ 5.0766, 6.4484,
10.9242

145.4844,
162.9981, 207.8654

■ 2.3275, 3.1196,
5.9023

180.6352,
201.5054, 254.2815

■ 0.8087, 1.1945,
2.7180

221.0357,

■ 0.0000, 0.0572,

245.6447, 307.1390

0.9524

267.0511,
295.8004, 366.8565

■ 0.0000, 0.0000,
0.0000

■ 35.6873, 41.4882,
57.7569

■ 35.6873, 41.4882,
57.7569

■ 31.9970, 38.2187,
57.3210

■ 39.9814, 45.1176,
58.2318

■ 28.8748, 35.2872,
56.9197

■ 44.9053, 49.1177,
58.7444

■ 26.2865, 32.6766,
56.5523

■ 50.4878, 53.5048,
59.2970

■ 24.1928, 30.3663,
56.2167

■ 56.7550, 58.2928,
59.8908

■ 22.5486, 28.3324,
55.9108

■ 63.7312, 63.4946,
60.5272

■ 21.3000, 26.5468,
55.6319

■ 71.4397, 69.1228,
61.2073

■ 20.5313, 25.3018,
55.4321

■ 74.7590, 72.5373,
61.6914

■ 75.9399, 74.8991,
62.0850

■ 77.1545, 77.3282,
62.4899

Harmonies

Analogous

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



34.3013, 41.4882, 49.7974



35.6873, 41.4882, 57.7569



38.1152, 41.4882, 62.5905

Triad

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



35.6873, 41.4882, 57.7569



45.1203, 41.4882, 49.1000



37.8915, 41.4882, 31.4686

Complementary

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



35.6873, 41.4882, 57.7569



37.1048, 34.1359, 26.4640

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.



40.7814, 41.4882, 31.3305



35.6873, 41.4882, 57.7569



45.0532, 41.4882, 40.8452

Square

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



35.6873, 41.4882, 57.7569



43.6119, 41.4882, 57.1925



43.4327, 41.4882, 34.5651



35.5305, 41.4882, 34.9688

Rectangle

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



35.6873, 41.4882, 57.7569



40.0421, 41.4882, 63.0480



43.4327, 41.4882, 34.5651



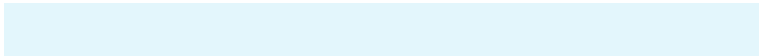
38.8306, 41.4882, 31.0436

Sweetspot

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



35.6886, 41.4898, 57.7579



82.4751, 89.6006, 105.4175



34.2746, 46.0338, 34.5604



17.7608, 19.3829, 23.0551



0.0000, 0.0000, 0.0000



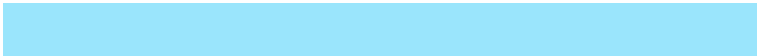
20.3446, 21.4041, 23.3091

Same Dimension

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



35.6886, 41.4898, 57.7579



58.9899, 69.9711, 102.8665



30.0828, 30.2783, 55.8893



10.1588, 11.0089, 12.8743



13.4115, 16.5796, 36.0499



0.6298, 0.8170, 1.5744

Inverse Universe

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



38.9962, 31.4009, 47.1875



66.0072, 49.5467, 80.2214



42.6316, 45.1894, 28.3062



10.3914, 10.2052, 12.1519



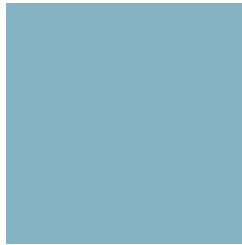
18.1655, 8.9559, 19.3154



0.8103, 0.3971, 0.9683

Previews

White Background



This preview shows how the XYZ color 35.6873, 41.4882, 57.7569 looks on a white background.

Color Contrast Check

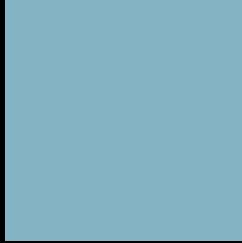
Large Text (above 18pt) WCAG AA × Fail

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 35.6873, 41.4882, 57.7569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

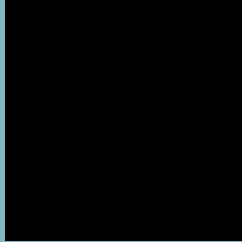
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6873, 41.4882, 57.7569

Background



This preview shows how black text looks on a background with the XYZ color 35.6873, 41.4882, 57.7569.



This preview shows how white text looks on a background with the XYZ color 35.6873, 41.4882,

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

35.6873, 41.4882, 57.7569

Protanopia

40.3258, 41.3460, 53.9993

Deuteranopia

42.1002, 41.3126, 59.1813



Tritanopia

35.6873, 41.4882, 57.7569

Trichromacy



Original Color

35.6873, 41.4882, 57.7569

Protanomaly

38.2503, 41.1016, 55.2076

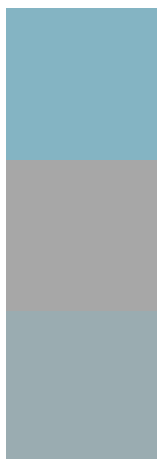
Deuteranomaly

39.3278, 41.0098, 58.6662

Tritanomaly

35.6873, 41.4882, 57.7569

Monochromacy



Original Color

35.6873, 41.4882, 57.7569

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0148, 39.5494, 47.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6873, 41.4882, 57.7569 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(132, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(132, 180, 195)  
}
```

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(132, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 180, 195) }
```

Border

The CSS property to change the border of an element to XYZ 35.6873, 41.4882, 57.7569 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(132, 180, 195) }
```


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

```
.border{ border-color:rgb(132, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(132, 180,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6873, 41.4882, 57.7569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 180, 195) }
```

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

```
.background{ background-color: rgb(132,  
180, 195) }
```

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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