

Converting Colors

XYZ(35.8409, 44.4723, 65.9428)

Have a look what the booklet for
XYZ(35.8409, 44.4723, 65.9428)
contains.

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Color

**XYZ(35.8603, 44.5201,
65.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBECF
RGB	108, 190, 207
RGB Percent	42%, 75%, 81%
CMY	0.5765, 0.2549, 0.1882
CMYK	0.48, 0.08, 0.00, 0.19
HSL	190°, 51%, 62%
HSV	190°, 48%, 81%
XYZ	35.8603, 44.5201, 65.7347
YIQ	167.4200, -54.3290, -12.0970

Conversions

Conversions Part 2

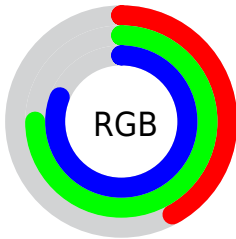
Format	Color
RYB	108, 153, 207
Decimal	7126735
CIELab	72.57, -20.49, -16.32
CIELCh	73, 26.197, 218.532
Yxy	44.5201, 0.2454, 0.3047
Android (android.graphics.Color)	4285316815 (0xFF6CBECF)
YUV	167.4200, 19.5129, -52.1113
Hunter-Lab	66.7234, -20.8316, -11.7051

Details

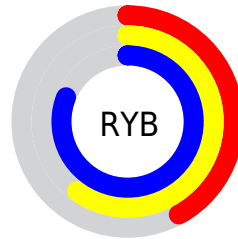
The XYZ color **35.8603, 44.5201, 65.7347** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.7734, 29.0162, 17.9038**, and the grayscale version is **36.8634, 38.7832, 42.2349**.

A 20% lighter version of the original color is **66.5228, 81.1309, 106.7614**, and **15.7729, 20.5366, 33.2696** is the 20% darker color. If you saturate the color by 10%, you get **32.8752, 41.8533, 65.3781**, and if you desaturate by 10%, it is **39.4645, 47.5360, 66.1277**.

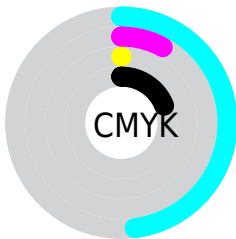
Distribution



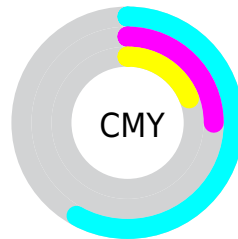
- Red (42%)
- Green (75%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8603, 44.5201, 65.7347 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 35.8603, 44.5201, 65.7347 by changing the saturation by 10% instead.

■ 35.8603, 44.5201,
65.7347

■ 35.8603, 44.5201,
65.7347

319.7914,
364.8265, 463.8058

■ 24.4959, 31.0796,
47.6019

■ 68.1417, 81.9998,
114.7288

■ 15.8286, 20.6595,
33.1540

■ 89.7894, 106.8078,
146.4273

■ 9.4930, 12.8753,
21.9724

■ 115.5956,
136.1737, 183.4848

■ 5.1238, 7.3427,
13.6385

145.9256,
170.4820, 226.3198

■ 2.3556, 3.6774,
7.7338

181.1449,
210.1170, 275.3508

■ 0.8229, 1.4948,
3.8398

221.6187,

■ 0.0000, 0.2850,

255.4632, 330.9965

1.5379

267.7124,
306.9049, 393.6753

■ 0.0000, 0.0000,
0.2459

■ 0.0000, 0.0000,
0.0000

■ 35.8603, 44.5201,
65.7347

■ 35.8603, 44.5201,
65.7347

■ 32.8752, 41.8533,
65.3781

■ 39.4645, 47.5360,
66.1277

■ 30.4621, 39.5080,
65.0526


■ 43.7227, 50.9160,
66.5556


■ 28.5735, 37.4605,
64.7569


■ 48.6717, 54.6805,
67.0214


■ 27.1520, 35.6812,
64.4884


■ 54.3447, 58.8467,
67.5266


 26.1157, 34.1275,
64.2431


 60.7725, 63.4305,
68.0726

 25.9123, 33.8045,
64.1915

 67.9840, 68.4473,
68.6608

 76.0068, 73.9113,
69.2926

 77.6876, 76.1350,
69.6332

 78.6217, 78.0031,
69.9446

Harmonies

Analogous

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



34.2722, 44.5201, 52.2706



35.8603, 44.5201, 65.7347



39.2065, 44.5201, 75.5935

Triad

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



35.8603, 44.5201, 65.7347



50.9498, 44.5201, 58.1901



41.0359, 44.5201, 27.7531

Complementary

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



35.8603, 44.5201, 65.7347



35.7734, 29.0162, 17.9038

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.



45.5837, 44.5201, 28.7683



35.8603, 44.5201, 65.7347



51.5269, 44.5201, 44.8674

Square

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



35.8603, 44.5201, 65.7347



47.9764, 44.5201, 70.7252



49.5012, 44.5201, 34.5362



37.1175, 44.5201, 31.4618

Rectangle

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



35.8603, 44.5201, 65.7347



42.0922, 44.5201, 77.9338



49.5012, 44.5201, 34.5362



42.5386, 44.5201, 27.5688

Sweetspot

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



35.8617, 44.5218, 65.7358



81.1893, 89.9978, 107.6999



32.1680, 49.2827, 27.0534



16.9664, 18.9586, 23.0151



0.0000, 0.0000, 0.0000



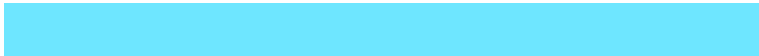
20.3446, 21.4041, 23.3091

Same Dimension

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



35.8617, 44.5218, 65.7358



52.7457, 67.1302, 104.7852



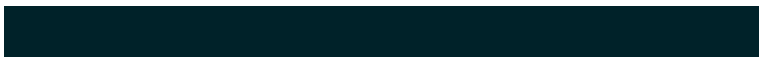
26.9729, 26.7442, 62.7728



11.9785, 13.0472, 15.1307



16.3869, 21.4204, 40.4634



0.9629, 1.2910, 2.2780

Inverse Universe

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



40.3901, 27.7095, 51.9367



61.0672, 38.0521, 79.0208



43.5760, 44.6214, 20.5047



12.2200, 11.9727, 14.4345



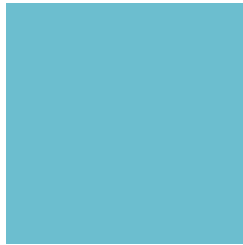
20.9021, 10.2337, 25.4542



1.1923, 0.5816, 1.5473

Previews

White Background



This preview shows how the XYZ color 35.8603, 44.5201, 65.7347 looks on a white background.

Color Contrast Check

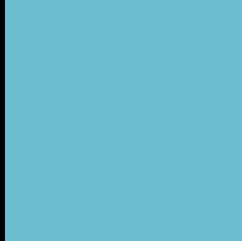
Large Text (above 18pt) WCAG AA × Fail

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 35.8603, 44.5201, 65.7347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

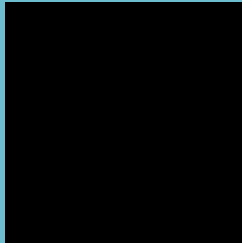
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8603, 44.5201, 65.7347

Background



This preview shows how black text looks on a background with the XYZ color 35.8603, 44.5201, 65.7347.



This preview shows how white text looks on a background with the XYZ color 35.8603, 44.5201,

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

35.8603, 44.5201, 65.7347

Protanopia

43.1739, 44.1266, 59.6678

Deuteranopia

45.0615, 44.0553, 67.7565



Tritanopia

35.7384, 44.4713, 65.0927

Trichromacy



Original Color

35.8603, 44.5201, 65.7347

Protanomaly

39.6442, 43.7488, 61.6132

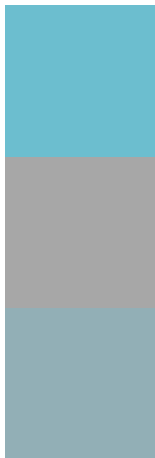
Deuteranomaly

40.8898, 43.6656, 67.2460

Tritanomaly

35.7384, 44.4713, 65.0927

Monochromacy



Original Color

35.8603, 44.5201, 65.7347

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.6275, 40.1483, 50.1276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8603, 44.5201, 65.7347 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(108, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(108, 190, 207)  
}
```

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(108, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 190, 207) }
```

Border

The CSS property to change the border of an element to XYZ 35.8603, 44.5201, 65.7347 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(108, 190, 207) }
```


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

```
.border{ border-color:rgb(108, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(108, 190,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8603, 44.5201, 65.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 190, 207) }
```

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

```
.background{ background-color: rgb(108,  
190, 207) }
```

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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