

Converting Colors

XYZ(45.0526, 58.5315, 90.6609)

Have a look what the booklet for
XYZ(45.0526, 58.5315, 90.6609)
contains.

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Color

**XYZ(45.0650, 58.6501,
90.6068)**

Conversions

Conversions Part 1

Format	Color
Hex	5CDAEF
RGB	92, 218, 239
RGB Percent	36%, 85%, 94%
CMY	0.6392, 0.1451, 0.0627
CMYK	0.62, 0.09, 0.00, 0.06
HSL	189°, 82%, 65%
HSV	189°, 62%, 94%
XYZ	45.0650, 58.6501, 90.6068
YIQ	182.7200, -81.8370, -20.1810

Conversions

Conversions Part 2

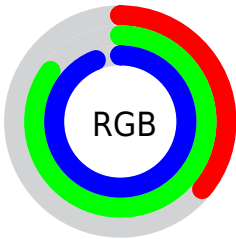
Format	Color
R _Y B	92, 160, 239
Decimal	6085359
CIE Lab	81.10, -28.64, -20.71
CIE LCh	81, 35.345, 215.862
Yxy	58.6501, 0.2319, 0.3018
Android (android.graphics.Color)	4284275439 (0xFF5CDAEF)
YUV	182.7200, 27.7460, -79.5614
Hunter-Lab	76.5834, -28.9836, -16.5385

Details

The XYZ color **45.0650, 58.6501, 90.6068** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **43.4350, 30.9354, 13.8088**, and the grayscale version is **44.7434, 47.0735, 51.2631**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **21.6444, 29.6133, 49.3749** is the 20% darker color. If you saturate the color by 10%, you get **42.1675, 55.8568, 90.2214**, and if you desaturate by 10%, it is **48.7372, 61.8724, 91.0363**.

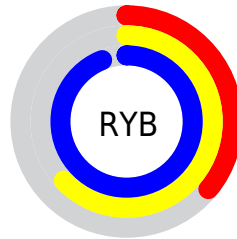
Distribution



Red (36%)

Green (85%)

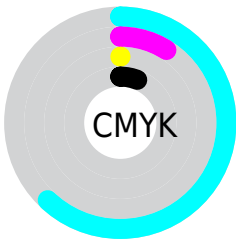
Blue (94%)



Red (36%)

Yellow (63%)

Blue (94%)

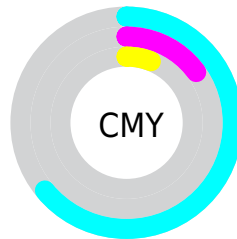


Cyan (62%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (64%)


Magenta (15%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0650, 58.6501, 90.6068 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 45.0650, 58.6501, 90.6068 by changing the saturation by 10% instead.

 45.0650, 58.6501,
90.6068


 45.0650, 58.6501,
90.6068

357.8160,
419.6040, 550.6237


 31.7101, 42.3315,
67.9075


 82.0544, 102.8690,
150.1239


 21.2947, 29.3610,
49.3563


 106.4196,
131.5380, 187.7787

 13.4532, 19.3541,
34.5346


 135.1857,
165.0927, 231.2557

 7.8205, 11.9264,
23.0239

 168.7180,
203.9173, 280.9736

 4.0312, 6.6936,
14.4057

207.3818,
248.3964, 337.3508

 1.7198, 3.2712,
8.2614

251.5425,

 0.4686, 1.2749,

298.9143, 400.8058

4.1725

301.5654,
355.8554, 471.7573

■ 0.0000, 0.1217,
1.7204

■ 0.0000, 0.0000,
0.3747

■ 45.0650, 58.6501,
90.6068

■ 45.0650, 58.6501,
90.6068

■ 42.1675, 55.8568,
90.2214

■ 48.7372, 61.8724,
91.0363

■ 39.9656, 53.4477,
89.8725


■ 53.2428, 65.5503,
91.5087


■ 38.3726, 51.3793,
89.5572


■ 58.6409, 69.7157,
92.0282


■ 37.3780, 49.8277,
89.3101


■ 64.9838, 74.3957,
92.5972

 72.3196, 79.6152,
93.2181

 80.6930, 85.3976,
93.8929

 88.5433, 90.9382,
94.5486

 89.5684, 92.9885,
94.8903

 90.6127, 95.0770,
95.2384

Harmonies

Analogous

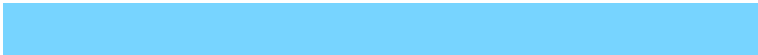
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.8433, 58.6501, 68.0807



45.0650, 58.6501, 90.6068



50.1670, 58.6501, 108.3384

Triad

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



45.0650, 58.6501, 90.6068



69.6520, 58.6501, 81.8693



54.3151, 58.6501, 31.4832

Complementary

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



45.0650, 58.6501, 90.6068



43.4350, 30.9354, 13.8088

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.



61.7223, 58.6501, 33.6042



45.0650, 58.6501, 90.6068



71.0075, 58.6501, 59.8174

Square

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



45.0650, 58.6501, 90.6068



64.4349, 58.6501, 102.5679



67.9920, 58.6501, 42.9746



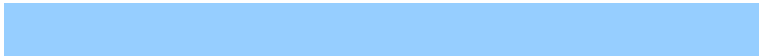
47.8740, 58.6501, 36.3693

Rectangle

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



45.0650, 58.6501, 90.6068



54.7323, 58.6501, 113.2926



67.9920, 58.6501, 42.9746



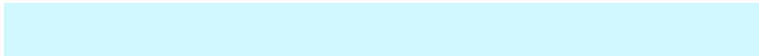
56.7705, 58.6501, 31.4170

Sweetspot

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



45.0668, 58.6523, 90.6082



78.0766, 88.1975, 107.5165



38.1841, 65.1707, 25.7814



16.2026, 18.5120, 22.9692



0.0000, 0.0000, 0.0000



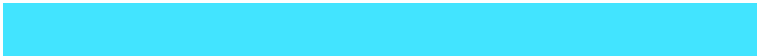
20.3446, 21.4041, 23.3091

Same Dimension

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



45.0668, 58.6523, 90.6082



48.0726, 63.8998, 104.4079



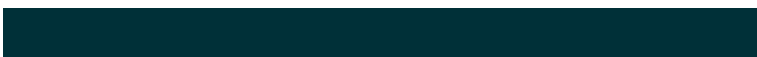
30.2589, 29.0364, 85.6722



16.0437, 17.5215, 20.2580



20.7300, 27.6842, 49.3789



1.7767, 2.4075, 4.1253

Inverse Universe

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



52.0802, 31.0687, 69.5838



57.2155, 30.7955, 76.3594



54.8998, 53.8651, 17.6304



16.3515, 15.9903, 19.4072



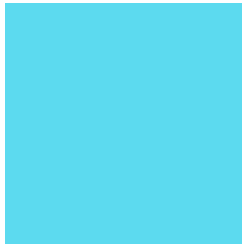
25.7891, 12.5881, 33.1358



2.1718, 1.0577, 2.8953

Previews

White Background



This preview shows how the XYZ color 45.0650, 58.6501, 90.6068 looks on a white background.

Color Contrast Check

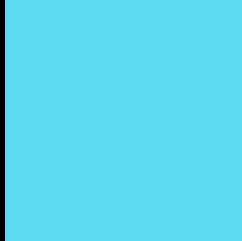
Large Text (above 18pt) WCAG AA × Fail

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 45.0650, 58.6501, 90.6068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

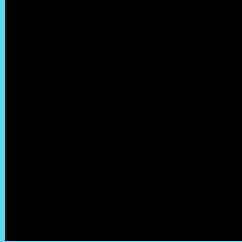
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0650, 58.6501, 90.6068

Background



This preview shows how black text looks on a background with the XYZ color 45.0650, 58.6501, 90.6068.

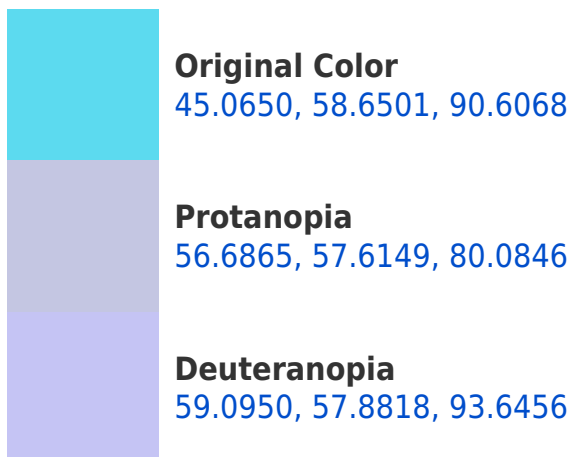


This preview shows how white text looks on a background with the XYZ color 45.0650, 58.6501,

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





Tritanopia

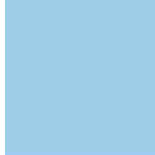
44.5261, 58.4231, 88.2869

Trichromacy



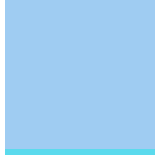
Original Color

45.0650, 58.6501, 90.6068



Protanomaly

50.3557, 56.7013, 83.8917



Deuteranomaly

51.9180, 56.9675, 92.2639



Tritanomaly

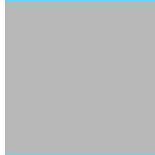
44.6718, 58.4814, 89.0543

Monochromacy



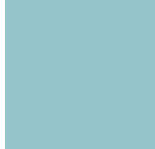
Original Color

45.0650, 58.6501, 90.6068



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.0971, 50.2757, 63.9326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0650, 58.6501, 90.6068 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(92, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(92, 218, 239)  
}
```

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(92, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 218, 239) }
```

Border

The CSS property to change the border of an element to XYZ 45.0650, 58.6501, 90.6068 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(92, 218, 239) }
```


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

```
.border{ border-color:rgb(92, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 218, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 218, 239);  
box-shadow:4px 4px 4px 4px rgb(92, 218,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0650, 58.6501, 90.6068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 218, 239) }
```

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

```
.background{ background-color: rgb(92, 218,  
239) }
```

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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