

Converting Colors

XYZ(45.5930, 58.3423, 95.0844)

Have a look what the booklet for
XYZ(45.5930, 58.3423, 95.0844)
contains.

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Color

**XYZ(45.7079, 58.4936,
95.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD9F5
RGB	92, 217, 245
RGB Percent	36%, 85%, 96%
CMY	0.6392, 0.1490, 0.0392
CMYK	0.62, 0.11, 0.00, 0.04
HSL	191°, 88%, 66%
HSV	191°, 62%, 96%
XYZ	45.7079, 58.4936, 95.2675
YIQ	182.8170, -83.4880, -17.7920

Conversions

Conversions Part 2

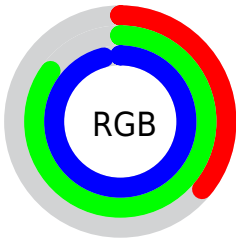
Format	Color
R_{YB}	92, 161, 245
Decimal	6085109
CIE _{Lab}	81.01, -26.43, -24.03
CIE _{LCh}	81, 35.716, 222.277
Yxy	58.4936, 0.2291, 0.2932
Android (android.graphics.Color)	4284275189 (0xFF5CD9F5)
YUV	182.8170, 30.6562, -79.6465
Hunter-Lab	76.4811, -27.1638, -20.3169

Details

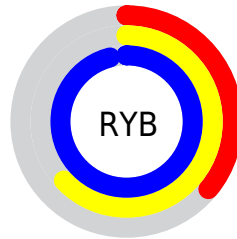
The XYZ color **45.7079, 58.4936, 95.2675** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **46.3060, 33.6200, 14.1758**, and the grayscale version is **44.7817, 47.1138, 51.3070**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **22.1056, 29.5148, 52.6759** is the 20% darker color. If you saturate the color by 10%, you get **42.5050, 55.1512, 94.7923**, and if you desaturate by 10%, it is **49.7370, 62.3109, 95.7931**.

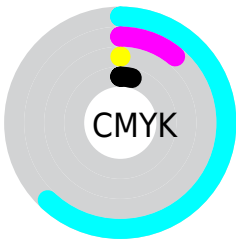
Distribution



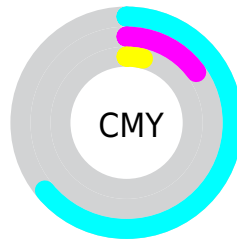
- Red (36%)
- Green (85%)
- Blue (96%)



- Red (36%)
- Yellow (63%)
- Blue (96%)



- Cyan (62%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7079, 58.4936, 95.2675 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 45.7079, 58.4936, 95.2675 by changing the saturation by 10% instead.

45.7079, 58.4936,
95.2675

45.7079, 58.4936,
95.2675

360.3687,
419.0227, 566.0272

32.2190, 42.2056,
71.7595

83.0122, 102.6413,
156.6329

21.6852, 29.2623,
52.4766

107.5584,
131.2698, 195.3273

13.7411, 19.2793,
37.0003

136.5210,
164.7806, 239.9211

8.0213, 11.8723,
24.9119

170.2655,
203.5581, 290.8326

4.1605, 6.6568,
15.7930

209.1571,
247.9866, 348.4804

1.7933, 3.2484,
9.2250

253.5613,

0.5136, 1.2628,

298.4506, 413.2831

4.7894

303.8434,
355.3345, 485.6592

■ 0.0000, 0.1121,
2.0677

■ 0.0000, 0.0000,
0.5964

■ 45.7079, 58.4936,
95.2675

■ 45.7079, 58.4936,
95.2675

■ 42.5050, 55.1512,
94.7923

■ 49.7370, 62.3109,
95.7931

■ 40.0429, 52.2358,
94.3593

■ 54.6559, 66.6327,
96.3680

■ 38.2273, 49.6995,
93.9654

■ 60.5280, 71.4933,
96.9967

■ 37.1743, 47.9779,
93.6886

■ 67.4095, 76.9218,
97.6818

75.3519, 82.9454,
98.4258

84.4033, 89.5890,
99.2311

91.4085, 95.2265,
99.9501

92.8065, 98.0223,
100.4160

93.4816, 99.3727,
100.6411

Harmonies

Analogous

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



42.8057, 58.4936, 72.7651



45.7079, 58.4936, 95.2675



51.3715, 58.4936, 110.9934

Triad

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



45.7079, 58.4936, 95.2675



70.3003, 58.4936, 76.9343



52.6218, 58.4936, 31.5627

Complementary

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



45.7079, 58.4936, 95.2675



46.3060, 33.6200, 14.1758

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.



60.0468, 58.4936, 32.1952



45.7079, 58.4936, 95.2675



70.7107, 58.4936, 55.4019

Square

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



45.7079, 58.4936, 95.2675



65.7411, 58.4936, 98.8977



66.8172, 58.4936, 39.9969



46.5530, 58.4936, 38.0203

Rectangle

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



45.7079, 58.4936, 95.2675



56.1644, 58.4936, 113.7738



66.8172, 58.4936, 39.9969



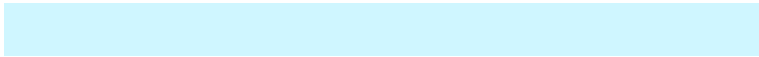
55.0323, 58.4936, 31.0020

Sweetspot

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



45.7098, 58.4958, 95.2689



76.6530, 86.4135, 107.2472



40.3080, 68.8777, 28.1566



15.8953, 18.1037, 22.9065



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.



45.7098, 58.4958, 95.2689



45.7415, 59.4885, 103.6793



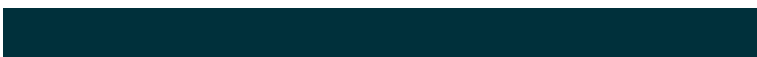
30.7194, 28.5151, 90.2721



16.7238, 18.2118, 21.1764



20.1208, 26.0354, 50.5029



1.8339, 2.4193, 4.4605

Inverse Universe

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



54.0093, 32.0783, 68.9930



55.9777, 30.0660, 70.5637



58.8814, 58.7707, 18.3676



17.0759, 16.7132, 20.1462



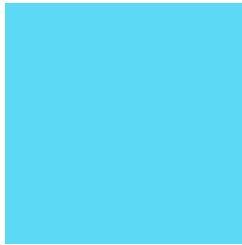
25.9606, 12.7277, 30.8303



2.3147, 1.1319, 2.8838

Previews

White Background



This preview shows how the XYZ color 45.7079, 58.4936, 95.2675 looks on a white background.

Color Contrast Check

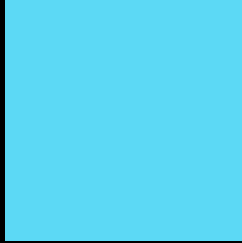
Large Text (above 18pt) WCAG AA × Fail

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 45.7079, 58.4936, 95.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

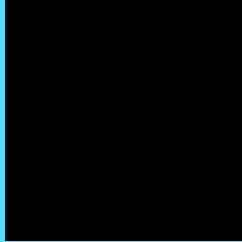
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7079, 58.4936, 95.2675

Background



This preview shows how black text looks on a background with the XYZ color 45.7079, 58.4936, 95.2675.

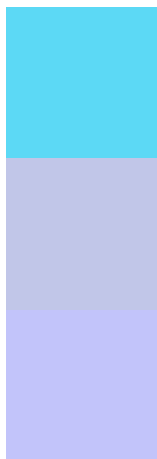


This preview shows how white text looks on a background with the XYZ color 45.7079, 58.4936,

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

45.7079, 58.4936, 95.2675

Protanopia

56.7519, 57.5518, 84.4614

Deuteranopia

59.2434, 57.8513, 98.4864



Tritanopia

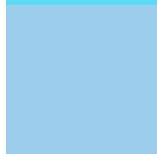
44.2362, 58.2736, 88.2733

Trichromacy



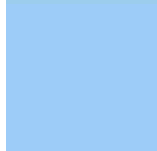
Original Color

45.7079, 58.4936, 95.2675



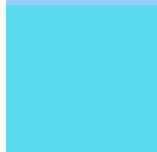
Protanomaly

50.8277, 56.8450, 88.4140



Deuteranomaly

52.4408, 57.1311, 97.0704



Tritanomaly

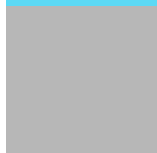
44.7712, 58.4986, 90.5930

Monochromacy



Original Color

45.7079, 58.4936, 95.2675



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.2334, 49.9705, 65.7591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7079, 58.4936, 95.2675 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, 217, 245)` looks like.

```
.text, #text, p{  
    color:rgb(92, 217, 245)  
}
```

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, 217, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 217, 245) }
```

Border

The CSS property to change the border of an element to XYZ 45.7079, 58.4936, 95.2675 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, 217, 245) }
```


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

```
.border{ border-color:rgb(92, 217, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 217, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 217, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 217, 245);  
box-shadow:4px 4px 4px 4px rgb(92, 217,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7079, 58.4936, 95.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 217, 245) }
```

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

```
.background{ background-color: rgb(92, 217,  
245) }
```

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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