

Converting Colors

XYZ(43.9046, 58.1194, 87.5014)

Have a look what the booklet for
XYZ(43.9046, 58.1194, 87.5014)
contains.

XYZ(43.9046, 58.1194, 87.5014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.9046, 58.1194,
87.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	56DAEB
RGB	86, 218, 235
RGB Percent	34%, 85%, 92%
CMY	0.6627, 0.1451, 0.0784
CMYK	0.63, 0.07, 0.00, 0.08
HSL	187°, 79%, 63%
HSV	187°, 63%, 92%
XYZ	43.9046, 58.1194, 87.5014
YIQ	180.4700, -84.1290, -22.6970

Conversions

Conversions Part 2

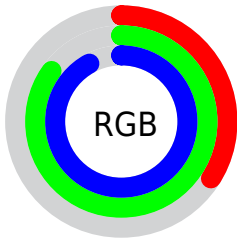
Format	Color
R _Y B	86, 156, 235
Decimal	5692139
CIE Lab	80.81, -30.75, -19.04
CIE LCh	81, 36.170, 211.760
Yxy	58.1194, 0.2317, 0.3067
Android (android.graphics.Color)	4283882219 (0xFF56DAEB)
YUV	180.4700, 26.8833, -82.8502
Hunter-Lab	76.2361, -30.6144, -14.6860

Details

The XYZ color **43.9046, 58.1194, 87.5014** 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 **40.7925, 28.0364, 12.0676**, and the grayscale version is **43.5294, 45.7964, 49.8722**.

A 20% lighter version of the original color is **66.3877, 85.2240, 107.5586**, and **21.2339, 29.4491, 47.2129** is the 20% darker color. If you saturate the color by 10%, you get **41.3968, 55.8040, 87.1877**, and if you desaturate by 10%, it is **47.1383, 60.8282, 87.8549**.

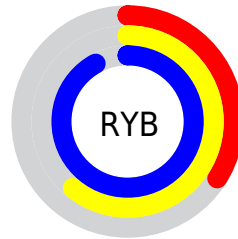
Distribution



Red (34%)

Green (85%)

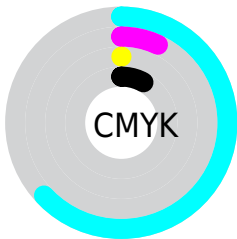
Blue (92%)



Red (34%)

Yellow (61%)

Blue (92%)

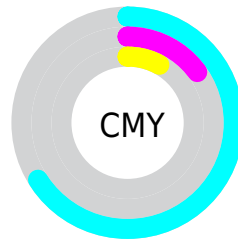


Cyan (63%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (66%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9046, 58.1194, 87.5014 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 43.9046, 58.1194, 87.5014 by changing the saturation by 10% instead.

43.9046, 58.1194,
87.5014

43.9046, 58.1194,
87.5014

353.1776,
417.6307, 540.2280

30.7931, 41.9046,
65.3482

80.3214, 102.0967,
145.7678

20.5924, 29.0266,
47.2904

104.3574,
130.6281, 182.7182

12.9372, 19.1010,
32.9093

132.7657,
164.0337, 225.4380

7.4620, 11.7433,
21.7864

165.9115,
202.6981, 274.3458

3.8015, 6.5691,
13.5032

204.1602,
247.0056, 329.8602

1.5905, 3.1941,
7.6412

247.8773,

0.3862, 1.2339,

297.3406, 392.3996

3.7818

297.4279,
354.0875, 462.3827

■ 0.0000, 0.0891,
1.5064

■ 0.0000, 0.0000,
0.2227

■ 43.9046, 58.1194,
87.5014

■ 43.9046, 58.1194,
87.5014

■ 41.3968, 55.8040,
87.1877

■ 47.1383, 60.8282,
87.8549

■ 39.5367, 53.8379,
86.9063

■ 51.1553, 63.9563,
88.2470

■ 38.2377, 52.1775,
86.6543

■ 56.0137, 67.5351,
88.6817

■ 37.5980, 51.2030,
86.4999

■ 61.7642, 71.5906,
89.1614

■ 68.4537, 76.1473,
89.6883

■ 76.1256, 81.2274,
90.2645

■ 84.8208, 86.8523,
90.8920

■ 87.2345, 89.2561,
91.2287

■ 88.0273, 90.8416,
91.4930

Harmonies

Analogous

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



42.0903, 58.1194, 64.5542



43.9046, 58.1194, 87.5014



48.7185, 58.1194, 106.8863

Triad

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



43.9046, 58.1194, 87.5014



68.8873, 58.1194, 84.8131



54.8007, 58.1194, 30.4244

Complementary

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



43.9046, 58.1194, 87.5014



40.7925, 28.0364, 12.0676

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.



62.3205, 58.1194, 33.5170



43.9046, 58.1194, 87.5014



70.8793, 58.1194, 62.0270

Square

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



43.9046, 58.1194, 87.5014



63.1524, 58.1194, 105.1042



68.3774, 58.1194, 44.0032



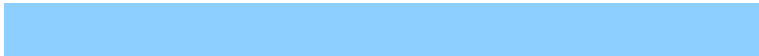
48.0191, 58.1194, 34.3510

Rectangle

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



43.9046, 58.1194, 87.5014



53.2074, 58.1194, 113.3554



68.3774, 58.1194, 44.0032



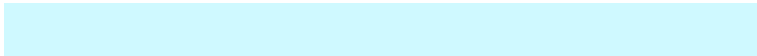
57.3253, 58.1194, 30.6739

Sweetspot

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



43.9064, 58.1216, 87.5028



77.6785, 88.4645, 107.5890



35.8918, 62.3341, 22.4284



16.1464, 18.6058, 22.9902



0.0000, 0.0000, 0.0000



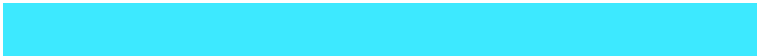
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9064, 58.1216, 87.5028



49.0945, 66.4339, 104.8432



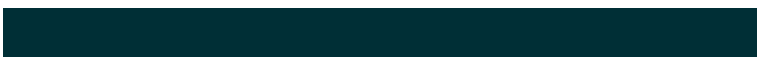
29.0524, 28.4136, 82.5515



15.3624, 16.8113, 19.3575



20.9849, 28.6168, 48.1605



1.6896, 2.3306, 3.7957

Inverse Universe

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



50.2452, 29.3815, 69.3549



57.6117, 30.4958, 79.8581



51.3503, 49.1521, 15.5868



15.6365, 15.2824, 18.6370



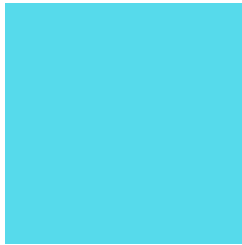
25.4475, 12.3817, 34.4876



2.0193, 0.9807, 2.8190

Previews

White Background



This preview shows how the XYZ color 43.9046, 58.1194, 87.5014 looks on a white background.

Color Contrast Check

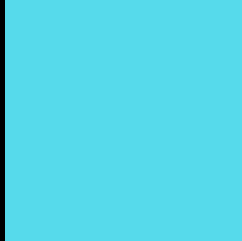
Large Text (above 18pt) WCAG AA × Fail

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 43.9046, 58.1194, 87.5014 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 43.9046, 58.1194, 87.5014

Background



This preview shows how black text looks on a background with the XYZ color 43.9046, 58.1194, 87.5014.

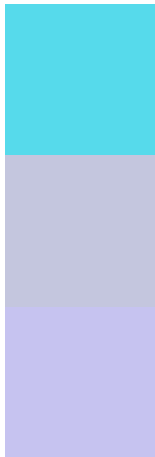


This preview shows how white text looks on a background with the XYZ color 43.9046, 58.1194,

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

43.9046, 58.1194, 87.5014

Protanopia

56.1439, 57.3979, 77.2270

Deuteranopia

58.5320, 57.3273, 90.4184



Tritanopia

44.0495, 58.1774, 88.2646

Trichromacy



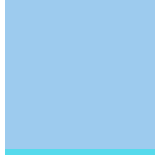
Original Color

43.9046, 58.1194, 87.5014



Protanomaly

49.4068, 56.2766, 80.9315



Deuteranomaly

50.6932, 56.0530, 89.0364



Tritanomaly

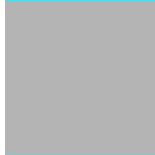
44.0495, 58.1774, 88.2646

Monochromacy



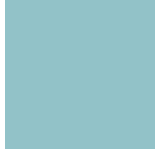
Original Color

43.9046, 58.1194, 87.5014



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.5712, 48.8647, 61.8844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9046, 58.1194, 87.5014 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(86, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(86, 218, 235)  
}
```

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(86, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 218, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.9046, 58.1194, 87.5014 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(86, 218, 235) }
```


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

```
.border{ border-color:rgb(86, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(86, 218,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9046, 58.1194, 87.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 218, 235) }
```

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

```
.background{ background-color: rgb(86, 218,  
235) }
```

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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