

Converting Colors

XYZ(44.0893, 58.8930, 87.5341)

Have a look what the booklet for
XYZ(44.0893, 58.8930, 87.5341)
contains.

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Color

**XYZ(44.1559, 59.0236,
87.6627)**

Conversions

Conversions Part 1

Format	Color
Hex	53DCEB
RGB	83, 220, 235
RGB Percent	33%, 86%, 92%
CMY	0.6745, 0.1372, 0.0784
CMYK	0.65, 0.06, 0.00, 0.08
HSL	186°, 79%, 62%
HSV	186°, 65%, 92%
XYZ	44.1559, 59.0236, 87.6627
YIQ	180.7470, -86.4670, -24.3790

Conversions

Conversions Part 2

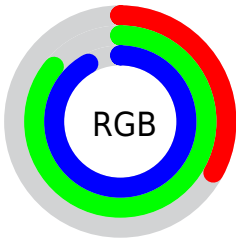
Format	Color
R_{YB}	83, 155, 235
Decimal	5496043
CIE _{Lab}	81.30, -32.17, -18.29
CIE _{LCh}	81, 37.007, 209.622
Yxy	59.0236, 0.2314, 0.3093
Android (android.graphics.Color)	4283686123 (0xFF53DCEB)
YUV	180.7470, 26.7467, -85.7241
Hunter-Lab	76.8268, -31.8548, -13.8737

Details

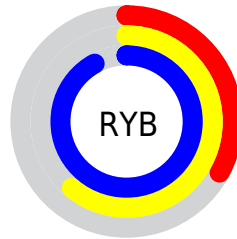
The XYZ color **44.1559, 59.0236, 87.6627** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **40.1914, 27.0237, 11.2832**, and the grayscale version is **43.6802, 45.9549, 50.0449**.

A 20% lighter version of the original color is **66.0227, 85.0359, 107.5415**, and **21.5918, 30.1649, 47.3322** is the 20% darker color. If you saturate the color by 10%, you get **41.8192, 56.9230, 87.3815**, and if you desaturate by 10%, it is **47.2071, 61.5076, 87.9824**.

Distribution



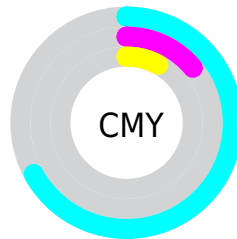
- Red (33%)
- Green (86%)
- Blue (92%)



- Red (33%)
- Yellow (61%)
- Blue (92%)



- Cyan (65%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (67%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1559, 59.0236, 87.6627 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 44.1559, 59.0236, 87.6627 by changing the saturation by 10% instead.

44.1559, 59.0236,
87.6627

44.1559, 59.0236,
87.6627

354.1856,
420.9894, 540.7707

30.9915, 42.6321,
65.4810

80.6972, 103.4120,
145.9945

20.7442, 29.5966,
47.3974

104.8048,
132.1776, 182.9817

13.0485, 19.5326,
32.9933

133.2909,
165.8368, 225.7411

7.5392, 12.0557,
21.8503

166.5208,
204.7739, 274.6913

3.8508, 6.7816,
13.5497

204.8598,
249.3733, 330.2508

1.6181, 3.3259,
7.6730

248.6734,

0.4042, 1.3042,

300.0195, 392.8382

3.8016

298.3269,
357.0967, 462.8719

■ 0.0000, 0.1444,
1.5172

■ 0.0000, 0.0000,
0.2307

■ 44.1559, 59.0236,
87.6627

■ 44.1559, 59.0236,
87.6627

■ 41.8192, 56.9230,
87.3815

■ 47.2071, 61.5076,
87.9824

■ 40.1171, 55.1607,
87.1310


■ 51.0312, 64.4014,
88.3394


■ 38.9604, 53.6921,
86.9085


■ 55.6870, 67.7365,
88.7378


■ 38.4922, 52.9915,
86.7980


■ 61.2258, 71.5396,
89.1799

 67.6949, 75.8350,
89.6681

 75.1382, 80.6453,
90.2043

 83.5968, 85.9919,
90.7904

 86.9719, 88.7308,
91.1412

 87.6535, 90.0940,
91.3684

Harmonies

Analogous

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



42.5223, 59.0236, 63.9863



44.1559, 59.0236, 87.6627



48.9206, 59.0236, 108.3816

Triad

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



44.1559, 59.0236, 87.6627



69.9112, 59.0236, 88.2622



56.1983, 59.0236, 30.4298

Complementary

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



44.1559, 59.0236, 87.6627



40.1914, 27.0237, 11.2832

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.



63.9499, 59.0236, 34.1159



44.1559, 59.0236, 87.6627



72.2985, 59.0236, 64.5478

Square

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



44.1559, 59.0236, 87.6627



63.7648, 59.0236, 108.7799



70.0248, 59.0236, 45.4544



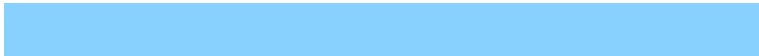
49.0757, 59.0236, 33.9322

Rectangle

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



44.1559, 59.0236, 87.6627



53.4673, 59.0236, 115.8331



70.0248, 59.0236, 45.4544



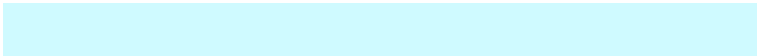
58.8181, 59.0236, 30.8539

Sweetspot

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



44.1577, 59.0258, 87.6641



77.9103, 88.9282, 107.6663



35.3732, 62.0954, 21.1092



16.2032, 18.7195, 23.0092



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.



44.1577, 59.0258, 87.6641



49.5018, 67.6943, 105.0650



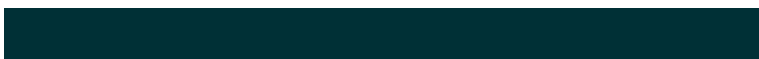
28.8949, 28.5001, 82.5765



15.3833, 16.8530, 19.3644



21.4756, 29.5983, 48.3241



1.7232, 2.3979, 3.8069

Inverse Universe

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



50.2741, 29.0177, 70.6637



57.7084, 30.1178, 81.6521



50.5131, 47.6671, 14.7237



15.6470, 15.2867, 18.6924



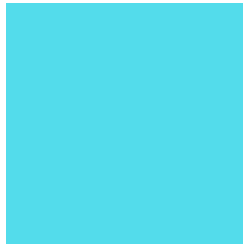
25.6952, 12.4808, 35.7919



2.0363, 0.9875, 2.9084

Previews

White Background



This preview shows how the XYZ color 44.1559, 59.0236, 87.6627 looks on a white background.

Color Contrast Check

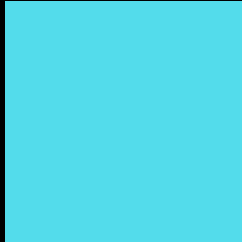
Large Text (above 18pt) WCAG AA × Fail

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 44.1559, 59.0236, 87.6627 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 44.1559, 59.0236, 87.6627

Background



This preview shows how black text looks on a background with the XYZ color 44.1559, 59.0236, 87.6627.



This preview shows how white text looks on a background with the XYZ color 44.1559, 59.0236,

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

44.1559, 59.0236, 87.6627

Protanopia

56.7633, 58.0731, 76.6241

Deuteranopia

59.2875, 58.0505, 90.5182



Tritanopia

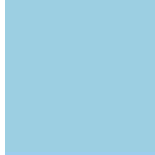
44.5354, 59.1856, 89.1975

Trichromacy



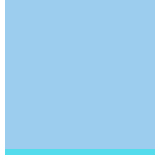
Original Color

44.1559, 59.0236, 87.6627



Protanomaly

49.7506, 57.1846, 80.3671



Deuteranomaly

51.1686, 57.0038, 89.1949



Tritanomaly

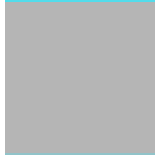
44.3897, 59.1273, 88.4300

Monochromacy



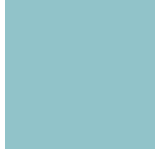
Original Color

44.1559, 59.0236, 87.6627



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.7348, 49.2670, 62.5682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1559, 59.0236, 87.6627 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(83, 220, 235)` looks like.

```
.text, #text, p{  
    color:rgb(83, 220, 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(83, 220, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 220, 235) }
```

Border

The CSS property to change the border of an element to XYZ 44.1559, 59.0236, 87.6627 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(83, 220, 235) }
```


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

```
.border{ border-color:rgb(83, 220, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 220, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 220, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 220, 235);  
box-shadow:4px 4px 4px 4px rgb(83, 220,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1559, 59.0236, 87.6627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 220, 235) }
```

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

```
.background{ background-color: rgb(83, 220,  
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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