

Converting Colors

XYZ(54.4185, 65.3525, 88.2966)

Have a look what the booklet for
XYZ(54.4185, 65.3525, 88.2966)
contains.

XYZ(54.5199, 65.5458, 88.3754)	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(54.5199, 65.5458,
88.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	99DFEB
RGB	153, 223, 235
RGB Percent	60%, 87%, 92%
CMY	0.4000, 0.1255, 0.0784
CMYK	0.35, 0.05, 0.00, 0.08
HSL	189°, 67%, 76%
HSV	189°, 35%, 92%
XYZ	54.5199, 65.5458, 88.3754
YIQ	203.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

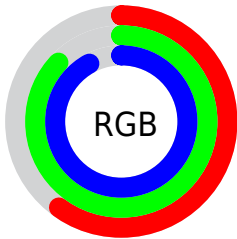
Format	Color
R_{YB}	153, 191, 235
Decimal	10084331
CIE _{Lab}	84.76, -18.89, -12.83
CIE _{LCh}	85, 22.833, 214.186
Yxy	65.5458, 0.2616, 0.3145
Android (android.graphics.Color)	4288274411 (0xFF99DFEB)
YUV	203.4380, 15.5601, -44.2341
Hunter-Lab	80.9604, -21.4761, -8.0480

Details

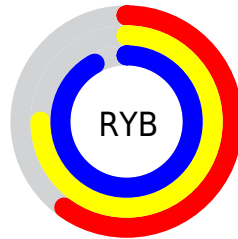
The XYZ color **54.5199, 65.5458, 88.3754** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4668, 46.8730, 36.3678**, and the grayscale version is **56.9673, 59.9341, 65.2682**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **27.1763, 33.8566, 47.7505** is the 20% darker color. If you saturate the color by 10%, you get **49.6049, 61.6636, 87.8862**, and if you desaturate by 10%, it is **60.3310, 69.9208, 88.9147**.

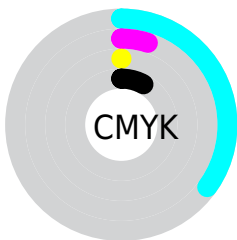
Distribution



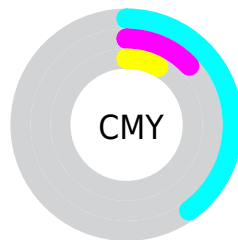
- Red (60%)
- Green (87%)
- Blue (92%)



- Red (60%)
- Yellow (75%)
- Blue (92%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5199, 65.5458, 88.3754 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 54.5199, 65.5458, 88.3754 by changing the saturation by 10% instead.

■ 54.5199, 65.5458,
88.3754

■ 54.5199, 65.5458,
88.3754

394.2555,
444.7507, 543.1649

■ 39.2498, 47.9038,
66.0679

■ 95.9896, 112.8342,
146.9954

■ 27.1357, 33.7507,
47.8707

■ 122.9199,
143.2493, 184.1450

■ 17.8123, 22.7021,
33.3652

154.4677,
178.6910, 227.0791

■ 10.9142, 14.3737,
22.1330

190.9982,
219.5436, 276.2161

■ 6.0760, 8.3811,
13.7554

232.8769,
266.1914, 331.9747

■ 2.9325, 4.3397,
7.8139

280.4691,

■ 1.1181, 1.8654,

319.0190, 394.7733

3.8901

334.1402,
378.4106, 465.0305

0.0402, 0.5274,
1.5652

0.0000, 0.0000,
0.2658

54.5199, 65.5458,
88.3754

54.5199, 65.5458,
88.3754

49.6049, 61.6636,
87.8862

60.3310, 69.9208,
88.9147

45.5283, 58.2396,
87.4402

67.0797, 74.8054,
89.5018

42.2352, 55.2468,
87.0361

74.8119, 80.2251,
90.1404

39.6614, 52.6521,
86.6709

83.5689, 86.2013,
90.8324

■ 37.7320, 50.4166,
86.3411

■ 87.4535, 89.6939,
91.3018

■ 36.3556, 48.4930,
86.0424

■ 88.4764, 91.7398,
91.6428

■ 35.7932, 47.5934,
85.8984

■ 89.5187, 93.8244,
91.9902

■ 90.5803, 95.9476,
92.3441

■ 91.6615, 98.1099,
92.7045

Harmonies

Analogous

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



53.0049, 65.5458, 73.4420



54.5199, 65.5458, 88.3754



58.1180, 65.5458, 99.8147

Triad

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



54.5199, 65.5458, 88.3754



71.5694, 65.5458, 84.3361



61.5849, 65.5458, 46.8219

Complementary

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



54.5199, 65.5458, 88.3754



53.4668, 46.8730, 36.3678

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.



66.6765, 65.5458, 48.9158



54.5199, 65.5458, 88.3754



72.6213, 65.5458, 69.3339

Square

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



54.5199, 65.5458, 88.3754



67.9847, 65.5458, 97.2679



70.7856, 65.5458, 56.6962



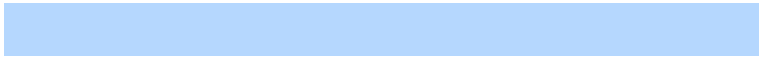
56.9401, 65.5458, 50.5299

Rectangle

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



54.5199, 65.5458, 88.3754



61.3093, 65.5458, 103.1825



70.7856, 65.5458, 56.6962



63.2999, 65.5458, 46.8746

Sweetspot

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



54.5219, 65.5484, 88.3769



85.1042, 93.1229, 108.0968



49.5414, 68.8682, 45.7737



17.9378, 19.7368, 23.1141



0.0000, 0.0000, 0.0000



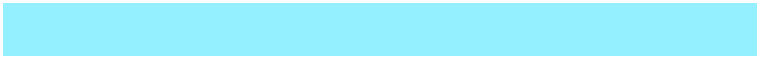
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5219, 65.5484, 88.3769



61.2078, 75.4328, 105.9417



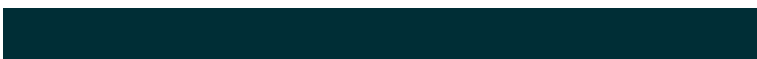
45.0809, 46.6665, 85.2299



15.3190, 16.7243, 19.3430



19.9938, 26.6347, 47.8302



1.6212, 2.1939, 3.7729

Inverse Universe

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



58.9731, 45.7739, 75.5419



67.4430, 48.6600, 87.7547



61.8274, 63.5943, 39.1547



15.6145, 15.2737, 18.5215



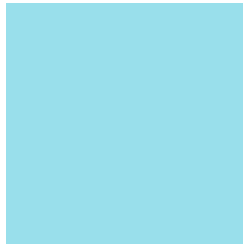
24.9473, 12.1816, 31.8533



1.9848, 0.9669, 2.6374

Previews

White Background



This preview shows how the XYZ color 54.5199, 65.5458, 88.3754 looks on a white background.

Color Contrast Check

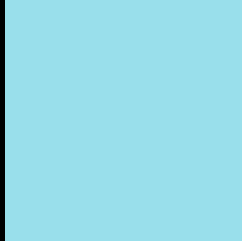
Large Text (above 18pt) WCAG AA × Fail

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 54.5199, 65.5458, 88.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

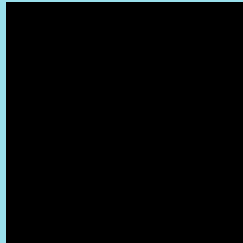
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5199, 65.5458, 88.3754

Background



This preview shows how black text looks on a background with the XYZ color 54.5199, 65.5458, 88.3754.

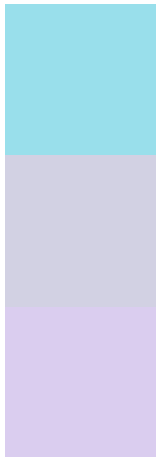


This preview shows how white text looks on a background with the XYZ color 54.5199, 65.5458,

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

54.5199, 65.5458, 88.3754

Protanopia

63.2439, 64.8486, 81.8568

Deuteranopia

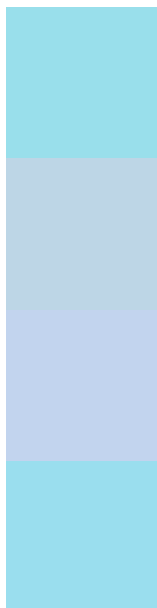
66.3248, 64.8001, 90.6733



Tritanopia

55.1759, 65.4038, 92.1542

Trichromacy



Original Color

54.5199, 65.5458, 88.3754

Protanomaly

59.3158, 64.6251, 84.2105

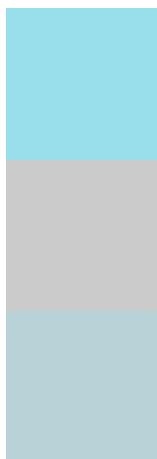
Deuteranomaly

61.2242, 64.7293, 90.1561

Tritanomaly

54.8803, 65.2856, 90.5978

Monochromacy



Original Color

54.5199, 65.5458, 88.3754

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.3199, 61.3138, 73.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5199, 65.5458, 88.3754 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(153, 223, 235)` looks like.

```
.text, #text, p{  
    color:rgb(153, 223, 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(153, 223, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 223, 235) }
```

Border

The CSS property to change the border of an element to XYZ 54.5199, 65.5458, 88.3754 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(153, 223, 235) }
```


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

```
.border{ border-color:rgb(153, 223, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 223, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(153, 223,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5199, 65.5458, 88.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 223, 235) }
```

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

```
.background{ background-color: rgb(153,  
223, 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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