

Converting Colors

XYZ(56.4964, 66.1646,
115.0023)

Have a look what the booklet for
XYZ(56.4964, 66.1646, 115.0023)
contains.

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Color

**XYZ(54.4293, 65.1462,
104.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	87DFFF
RGB	135, 223, 255
RGB Percent	53%, 87%, 100%
CMY	0.4706, 0.1255, 0.0000
CMYK	0.47, 0.13, 0.00, 0.00
HSL	196°, 100%, 76%
HSV	196°, 47%, 100%
XYZ	54.4293, 65.1462, 104.3135
YIQ	200.3360, -62.7200, -8.7040

Conversions

Conversions Part 2

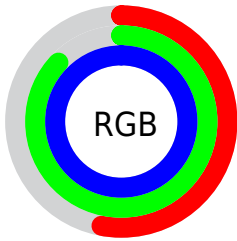
Format	Color
R _Y B	135, 186, 255
Decimal	8904703
CIE Lab	84.56, -18.23, -23.78
CIE LCh	85, 29.970, 232.525
Yxy	65.1462, 0.2431, 0.2910
Android (android.graphics.Color)	4287094783 (0xFF87DFFF)
YUV	200.3360, 26.9494, -57.2997
Hunter-Lab	80.7132, -20.8758, -20.1270

Details

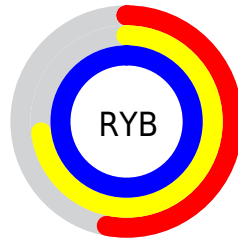
The XYZ color **54.4293, 65.1462, 104.3135** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.4326, 50.6474, 29.5671**, and the grayscale version is **54.9752, 57.8382, 62.9858**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **27.0973, 33.5783, 58.4792** is the 20% darker color. If you saturate the color by 10%, you get **49.0272, 59.7197, 103.5508**, and if you desaturate by 10%, it is **60.8905, 71.2299, 105.1472**.

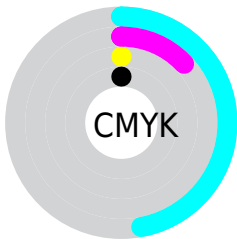
Distribution



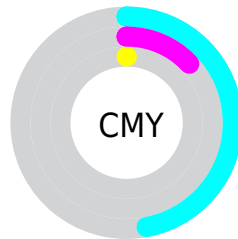
- Red (53%)
- Green (87%)
- Blue (100%)



- Red (53%)
- Yellow (73%)
- Blue (100%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4293, 65.1462, 104.3135 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 54.4293, 65.1462, 104.3135 by changing the saturation by 10% instead.

54.4293, 65.1462,
104.3135

54.4293, 65.1462,
104.3135

393.9166,
443.3172, 595.2998

39.1770, 47.5796,
79.2709

95.8575, 112.2600,
169.1758

27.0788, 33.4941,
58.5959

122.7641,
142.5761, 209.8325

17.7693, 22.5052,
41.8701

154.2862,
177.9107, 256.5311

10.8832, 14.2286,
28.6747

190.7892,
218.6484, 309.6900

6.0550, 8.2798,
18.5915

232.6384,
265.1735, 369.7278

2.9196, 4.2745,
11.2016

280.1991,

1.1114, 1.8283,

317.8704, 437.0630

6.0867

333.8367,
377.1235, 512.1141

■ 0.0346, 0.5047,
2.8283

■ 0.0000, 0.0000,
1.0076

■ 54.4293, 65.1462,
104.3135

■ 54.4293, 65.1462,
104.3135

■ 49.0272, 59.7197,
103.5508

■ 60.8905, 71.2299,
105.1472

■ 44.6065, 54.9047,
102.8544

■ 68.4702, 77.9983,
106.0541

■ 41.0872, 50.6603,
102.2206

■ 77.2300, 85.4858,
107.0377

■ 38.3734, 46.9355,
101.6447

■ 87.2251, 93.7221,
108.1007

■ 36.3428, 43.6662, 95.0500, 100.0000,
101.1207 108.9000

■ 35.8213, 42.7626,
100.9738

Harmonies

Analogous

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



50.7971, 65.1462, 85.9785



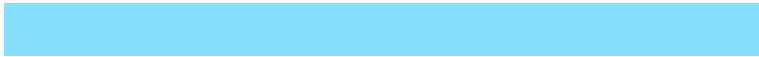
54.4293, 65.1462, 104.3135



60.2637, 65.1462, 114.0123

Triad

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



54.4293, 65.1462, 104.3135



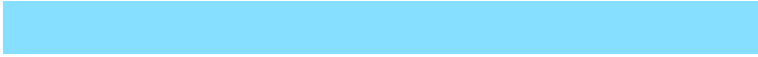
75.5472, 65.1462, 75.8266



57.1283, 65.1462, 42.0920

Complementary

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



54.4293, 65.1462, 104.3135



59.4326, 50.6474, 29.5671

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.



63.6054, 65.1462, 40.3555



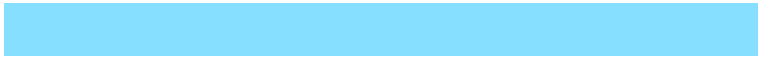
54.4293, 65.1462, 104.3135



74.5574, 65.1462, 57.7541

Square

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



54.4293, 65.1462, 104.3135



72.6823, 65.1462, 95.7489



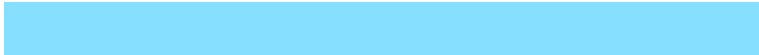
70.0672, 65.1462, 45.5622



52.2754, 65.1462, 50.8246

Rectangle

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



54.4293, 65.1462, 104.3135



64.7470, 65.1462, 113.2416



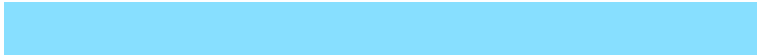
70.0672, 65.1462, 45.5622



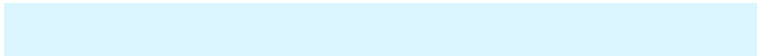
59.1756, 65.1462, 40.7432

Sweetspot

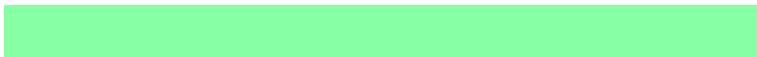
The Sweet Spot groups the original color and five complimentary colors.



54.4311, 65.1486, 104.3139



80.1518, 87.9227, 107.3541



52.5444, 79.3881, 48.1532



16.7118, 18.4493, 22.9302



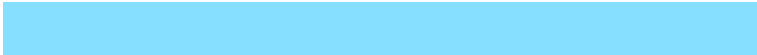
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



54.4311, 65.1486, 104.3139



49.5505, 60.2637, 103.6282



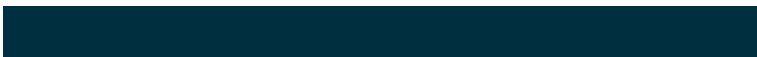
41.4983, 39.2830, 100.0029



18.1211, 19.6137, 23.0807



18.8467, 22.6029, 52.8041



1.9249, 2.3805, 5.1713

Inverse Universe

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



63.2245, 43.9173, 74.9591



59.5706, 37.8983, 69.7682



72.5391, 76.8605, 33.9359



18.5738, 18.2128, 21.6385



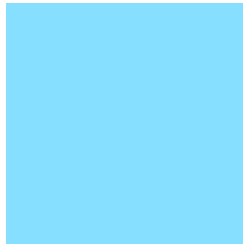
26.3011, 13.0097, 26.0340



2.6062, 1.2849, 2.7737

Previews

White Background



This preview shows how the XYZ color 54.4293, 65.1462, 104.3135 looks on a white background.

Color Contrast Check

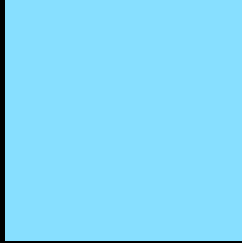
Large Text (above 18pt) WCAG AA × Fail

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 54.4293, 65.1462, 104.3135 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 54.4293, 65.1462, 104.3135

Background



This preview shows how black text looks on a background with the XYZ color 54.4293, 65.1462, 104.3135.

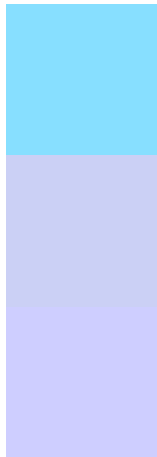


This preview shows how white text looks on a background with the XYZ color 54.4293, 65.1462,

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

54.4293, 65.1462, 104.3135

Protanopia

63.6659, 64.4008, 95.4613

Deuteranopia

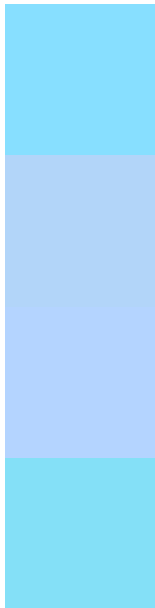
65.5749, 64.4844, 103.5983



Tritanopia

52.4629, 65.1468, 94.6035

Trichromacy



Original Color

54.4293, 65.1462, 104.3135

Protanomaly

59.2532, 63.8930, 98.8321

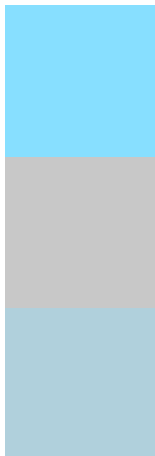
Deuteranomaly

60.4159, 64.0103, 103.7787

Tritanomaly

52.9599, 64.9322, 97.7376

Monochromacy



Original Color

54.4293, 65.1462, 104.3135

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3786, 59.5092, 76.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4293, 65.1462, 104.3135 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(135, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 223, 255)  
}
```

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(135, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4293, 65.1462, 104.3135 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(135, 223, 255) }
```


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

```
.border{ border-color:rgb(135, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4293, 65.1462, 104.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 223, 255) }
```

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

```
.background{ background-color: rgb(135,  
223, 255) }
```

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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