

Converting Colors

XYZ(55.9137, 67.4618,
104.6822)

Have a look what the booklet for
XYZ(55.9137, 67.4618, 104.6822)
contains.

| | |
|--|----|
| XYZ(56.0003, 67.5614, 104.6969) | 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(56.0003, 67.5614,
104.6969)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8AE3FF |
| RGB | 138, 227, 255 |
| RGB Percent | 54%, 89%, 100% |
| CMY | 0.4588, 0.1098, 0.0000 |
| CMYK | 0.46, 0.11, 0.00, 0.00 |
| HSL | 194°, 100%, 77% |
| HSV | 194°, 46%, 100% |
| XYZ | 56.0003, 67.5614, 104.6969 |
| YIQ | 203.5810, -62.0320, -10.1600 |

Conversions

Conversions Part 2

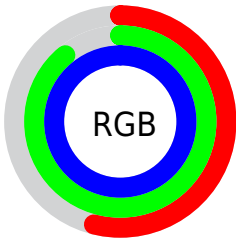
| Format | Color |
|-------------------------------------|---|
| RYB | 138, 189, 255 |
| Decimal | 9102335 |
| CIELab | 85.79, -19.57, -21.91 |
| CIElCh | 86, 29.376, 228.230 |
| Yxy | 67.5614, 0.2453, 0.2960 |
| Android (android.graphics.Color) | 4287292415 (0xFF8AE3FF) |
| YUV | 203.5810, 25.3496, -57.5145 |
| Hunter-Lab | 82.1957, -22.2298, -17.9837 |

Details

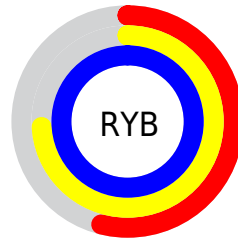
The XYZ color **56.0003, 67.5614, 104.6969** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.4643, 50.3681, 30.6347**, and the grayscale version is **57.0052, 59.9739, 65.3116**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **28.1700, 35.2445, 58.7442** is the 20% darker color. If you saturate the color by 10%, you get **50.6270, 62.3589, 103.9759**, and if you desaturate by 10%, it is **62.4268, 73.3977, 105.4847**.

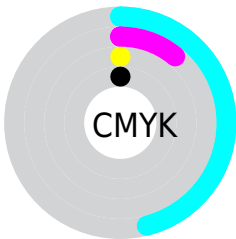
Distribution



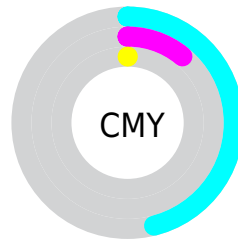
- Red (54%)
- Green (89%)
- Blue (100%)



- Red (54%)
- Yellow (74%)
- Blue (100%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0003, 67.5614, 104.6969 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 56.0003, 67.5614, 104.6969 by changing the saturation by 10% instead.

56.0003, 67.5614,
104.6969

56.0003, 67.5614,
104.6969

399.7676,
451.9405, 596.5235

40.4402, 49.5410,
79.5902

98.1448, 115.7245,
169.7049

28.0676, 35.0488,
58.8570

125.4599,
146.6359, 210.4433

18.5174, 23.7005,
42.0788

157.4241,
182.6132, 257.2294

11.4240, 15.1116,
28.8369

194.4026,
224.0407, 310.4817

6.4222, 8.8977,
18.7130

236.7608,
271.3027, 370.6187

3.1465, 4.6745,
11.2884

284.8642,

1.2317, 2.0576,

324.7838, 438.0589

6.1445

339.0780,
384.8682, 513.2210

■ 0.1312, 0.6406,
2.8630

■ 0.0000, 0.0000,
1.0251

■ 56.0003, 67.5614,
104.6969

■ 56.0003, 67.5614,
104.6969

■ 50.6270, 62.3589,
103.9759

■ 62.4268, 73.3977,
105.4847

■ 46.2304, 57.7453,
103.3171

■ 69.9649, 79.8942,
106.3413

■ 42.7320, 53.6808,
102.7170

■ 78.6755, 87.0847,
107.2701

■ 40.0383, 50.1162,
102.1709

■ 88.6129, 94.9981,
108.2738

■ 38.0330, 46.9907, 95.0500, 100.0000,
101.6733 108.9000

■ 37.3372, 45.7945,
101.4791

Harmonies

Analogous

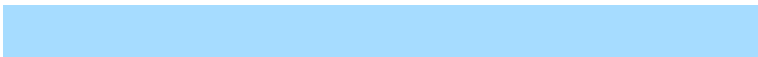
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.7265, 67.5614, 85.7348



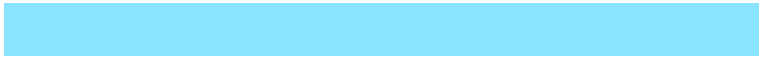
56.0003, 67.5614, 104.6969



61.6198, 67.5614, 115.9768

Triad

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



56.0003, 67.5614, 104.6969



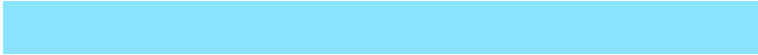
77.6883, 67.5614, 81.3584



60.2639, 67.5614, 43.7590

Complementary

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



56.0003, 67.5614, 104.6969



59.4643, 50.3681, 30.6347

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.



66.8823, 67.5614, 43.0013



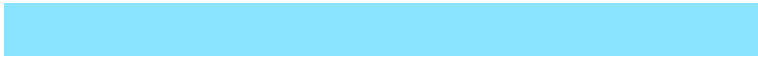
56.0003, 67.5614, 104.6969



77.2619, 67.5614, 62.6012

Square

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



56.0003, 67.5614, 104.6969



74.3236, 67.5614, 101.0165



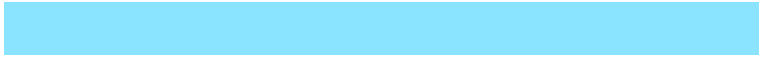
73.1963, 67.5614, 49.3080



55.0674, 67.5614, 51.5970

Rectangle

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



56.0003, 67.5614, 104.6969



66.0792, 67.5614, 116.5144



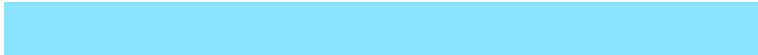
73.1963, 67.5614, 49.3080



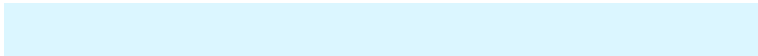
62.3863, 67.5614, 42.7249

Sweetspot

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



56.0022, 67.5639, 104.6972



80.4488, 88.5166, 107.4531



53.0613, 79.6514, 48.3202



16.7846, 18.5950, 22.9545



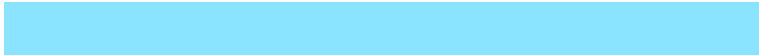
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.0022, 67.5639, 104.6972



51.0599, 62.7928, 104.0368



42.7580, 41.0756, 100.2825



18.1649, 19.7014, 23.0953



19.6311, 24.1718, 53.0655



1.9956, 2.5219, 5.1949

Inverse Universe

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



64.1949, 44.9847, 77.9752



60.4520, 38.7084, 72.9988



72.4301, 76.2997, 34.9566



18.5959, 18.2217, 21.7550



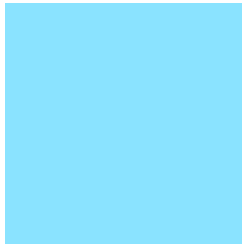
26.6971, 13.1681, 28.1190



2.6419, 1.2991, 2.9617

Previews

White Background



This preview shows how the XYZ color 56.0003, 67.5614, 104.6969 looks on a white background.

Color Contrast Check

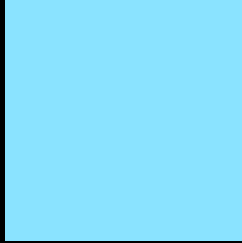
Large Text (above 18pt) WCAG AA × Fail

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 56.0003, 67.5614, 104.6969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

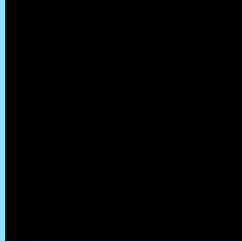
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0003, 67.5614, 104.6969

Background



This preview shows how black text looks on a background with the XYZ color 56.0003, 67.5614, 104.6969.

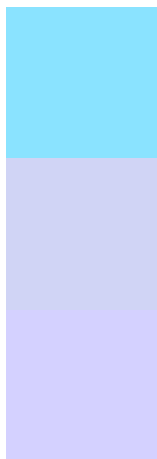


This preview shows how white text looks on a background with the XYZ color 56.0003, 67.5614,

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

56.0003, 67.5614, 104.6969

Protanopia

66.0373, 67.0894, 95.8552

Deuteranopia

68.0018, 66.8180, 103.9208



Tritanopia

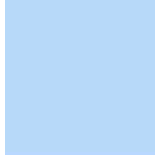
54.6852, 67.4364, 98.1300

Trichromacy



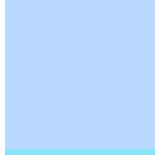
Original Color

56.0003, 67.5614, 104.6969



Protanomaly

61.4402, 66.5325, 99.2264



Deuteranomaly

62.6135, 66.6460, 104.1716



Tritanomaly

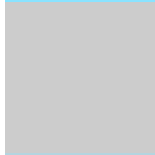
55.3152, 67.7073, 100.5959

Monochromacy



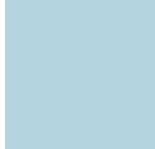
Original Color

56.0003, 67.5614, 104.6969



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.6852, 62.1180, 78.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0003, 67.5614, 104.6969 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(138, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 227, 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(138, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.0003, 67.5614, 104.6969 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(138, 227, 255) }
```


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

```
.border{ border-color:rgb(138, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0003, 67.5614, 104.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 227, 255) }
```

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

```
.background{ background-color: rgb(138,  
227, 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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