

Converting Colors

XYZ(71.3958, 72.4908,
185.5907)

Have a look what the booklet for
XYZ(71.3958, 72.4908, 185.5907)
contains.

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Color

**XYZ(56.0333, 66.3709,
104.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE0FF
RGB	143, 224, 255
RGB Percent	56%, 88%, 100%
CMY	0.4392, 0.1216, 0.0000
CMYK	0.44, 0.12, 0.00, 0.00
HSL	197°, 100%, 78%
HSV	197°, 44%, 100%
XYZ	56.0333, 66.3709, 104.4653
YIQ	203.3150, -58.2270, -7.5310

Conversions

Conversions Part 2

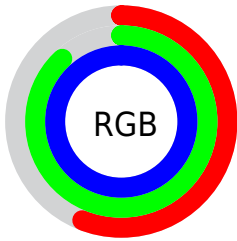
Format	Color
R_{YB}	143, 190, 255
Decimal	9429247
CIE _{Lab}	85.19, -16.89, -22.80
CIE _{LCh}	85, 28.377, 233.464
Yxy	66.3709, 0.2470, 0.2926
Android (android.graphics.Color)	4287619327 (0xFF8FE0FF)
YUV	203.3150, 25.4807, -52.8963
Hunter-Lab	81.4683, -19.7987, -18.9986

Details

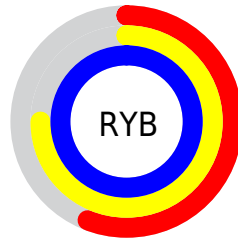
The XYZ color **56.0333, 66.3709, 104.4653** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **61.3346, 53.5159, 33.0854**, and the grayscale version is **56.8354, 59.7952, 65.1170**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **28.1273, 34.3844, 58.5805** is the 20% darker color. If you saturate the color by 10%, you get **50.2531, 60.6349, 103.6628**, and if you desaturate by 10%, it is **62.8992, 72.7864, 105.3418**.

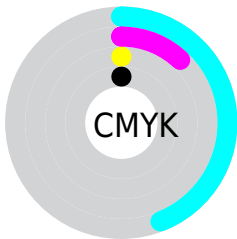
Distribution



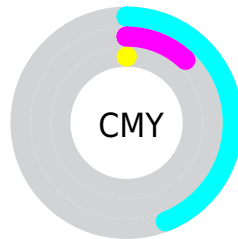
- Red (56%)
- Green (88%)
- Blue (100%)



- Red (56%)
- Yellow (75%)
- Blue (100%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0333, 66.3709, 104.4653 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 56.0333, 66.3709, 104.4653 by changing the saturation by 10% instead.

■ 56.0333, 66.3709,
104.4653

■ 56.0333, 66.3709,
104.4653

399.8900,
447.7022, 595.7844

■ 40.4667, 48.5736,
79.3973

■ 98.1928, 114.0185,
169.3853

■ 28.0885, 34.2813,
58.6993

■ 125.5164,
144.6376, 210.0744

■ 18.5331, 23.1098,
41.9527

157.4898,
180.2993, 256.8076

■ 11.4354, 14.6746,
28.7389

194.4782,
221.3881, 310.0035

■ 6.4300, 8.5913,
18.6395

236.8471,
268.2884, 370.0806

■ 3.1514, 4.4756,
11.2359

284.9618,

■ 1.2343, 1.9430,

321.3846, 437.4574

6.1096

339.1876,
381.0611, 512.5525

■ 0.1332, 0.5740,
2.8420

■ 0.0000, 0.0000,
1.0145

■ 56.0333, 66.3709,
104.4653

■ 56.0333, 66.3709,
104.4653

■ 50.2531, 60.6349,
103.6628

■ 62.8992, 72.7864,
105.3418

■ 45.4832, 55.5338,
102.9296

■ 70.9085, 79.9082,
106.2943

■ 41.6470, 51.0280,
102.2621

■ 80.1213, 87.7700,
107.3262

■ 38.6536, 47.0693,
101.6558

■ 90.5917, 96.4010,
108.4403

■ 36.3919, 43.5990, 95.0500, 100.0000,
101.1051 108.9000

■ 35.2789, 41.6778,
100.7930

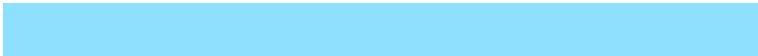
Harmonies

Analogous

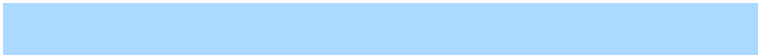
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.4491, 66.3709, 87.2368



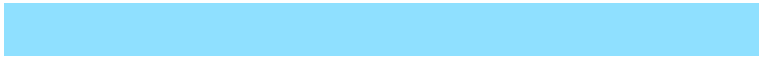
56.0333, 66.3709, 104.4653



61.6922, 66.3709, 113.2686

Triad

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



56.0333, 66.3709, 104.4653



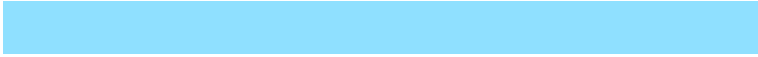
76.1246, 66.3709, 76.3557



58.3067, 66.3709, 44.5047

Complementary

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



56.0333, 66.3709, 104.4653



61.3346, 53.5159, 33.0854

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.



64.4956, 66.3709, 42.5882



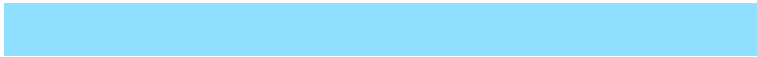
56.0333, 66.3709, 104.4653



75.0663, 66.3709, 59.1152

Square

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



56.0333, 66.3709, 104.4653



73.5033, 66.3709, 95.3593



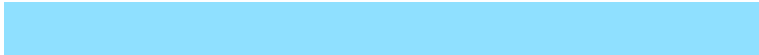
70.7017, 66.3709, 47.4741



53.6982, 66.3709, 53.2399

Rectangle

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



56.0333, 66.3709, 104.4653



65.9941, 66.3709, 112.2731



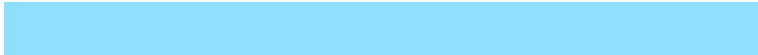
70.7017, 66.3709, 47.4741



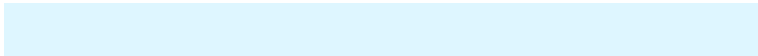
60.2599, 66.3709, 43.1104

Sweetspot

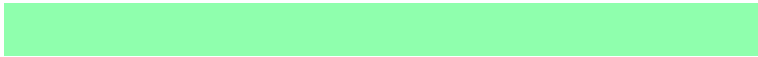
The Sweet Spot groups the original color and five complimentary colors.



56.0352, 66.3734, 104.4657



81.0309, 88.5312, 107.4252



54.6188, 80.3722, 52.1040



16.8805, 18.5606, 22.9428



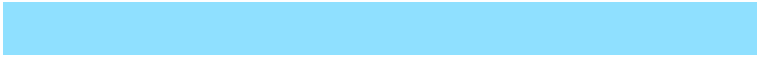
0.0000, 0.0000, 0.0000



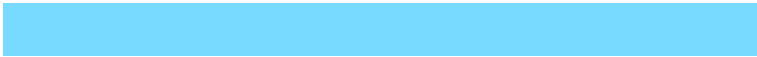
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0352, 66.3734, 104.4657



50.7415, 61.1355, 103.7337



43.5920, 41.4870, 100.3180



18.1049, 19.5814, 23.0753



18.5658, 22.0412, 52.7104



1.8995, 2.3296, 5.1628

Inverse Universe

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



64.5182, 46.2884, 76.0577



60.5404, 39.6977, 70.5239



74.1810, 79.2088, 37.3676



18.5656, 18.2095, 21.5955



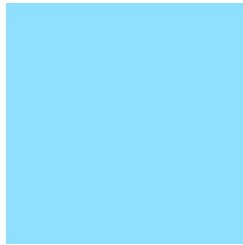
26.1593, 12.9530, 25.2873



2.5934, 1.2797, 2.7061

Previews

White Background



This preview shows how the XYZ color 56.0333, 66.3709, 104.4653 looks on a white background.

Color Contrast Check

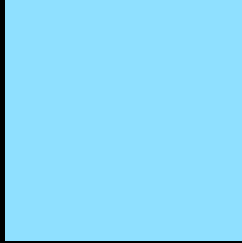
Large Text (above 18pt) WCAG AA × Fail

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 56.0333, 66.3709, 104.4653 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 56.0333, 66.3709, 104.4653

Background



This preview shows how black text looks on a background with the XYZ color 56.0333, 66.3709, 104.4653.

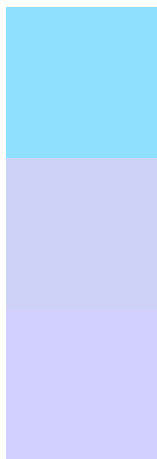


This preview shows how white text looks on a background with the XYZ color 56.0333, 66.3709,

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

56.0333, 66.3709, 104.4653

Protanopia

64.8580, 65.7261, 96.4568

Deuteranopia

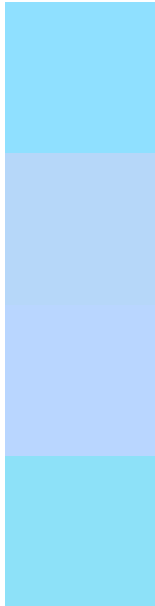
66.9004, 65.8871, 103.7992



Tritanopia

54.3407, 66.4998, 95.5596

Trichromacy



Original Color

56.0333, 66.3709, 104.4653

Protanomaly

60.6907, 65.3855, 99.0445

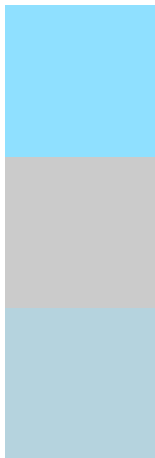
Deuteranomaly

62.1042, 65.6274, 104.0019

Tritanomaly

54.8530, 66.2905, 98.7112

Monochromacy



Original Color

56.0333, 66.3709, 104.4653

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.5351, 61.6862, 78.0869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0333, 66.3709, 104.4653 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(143, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 224, 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(143, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.0333, 66.3709, 104.4653 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(143, 224, 255) }
```


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

```
.border{ border-color:rgb(143, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0333, 66.3709, 104.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 224, 255) }
```

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

```
.background{ background-color: rgb(143,  
224, 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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