

Converting Colors

XYZ(65.6178, 70.9648,
154.9958)

Have a look what the booklet for
XYZ(65.6178, 70.9648, 154.9958)
contains.

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Color

**XYZ(56.0616, 67.1882,
104.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE2FF
RGB	140, 226, 255
RGB Percent	55%, 89%, 100%
CMY	0.4510, 0.1137, 0.0000
CMYK	0.45, 0.11, 0.00, 0.00
HSL	195°, 100%, 77%
HSV	195°, 45%, 100%
XYZ	56.0616, 67.1882, 104.6216
YIQ	203.5920, -60.5650, -9.2130

Conversions

Conversions Part 2

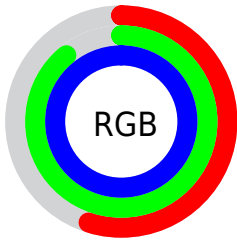
Format	Color
R_{YB}	140, 189, 255
Decimal	9233151
CIE _{Lab}	85.60, -18.61, -22.19
CIE _{LCh}	86, 28.955, 230.015
Yxy	67.1882, 0.2460, 0.2949
Android (android.graphics.Color)	4287423231 (0xFF8CE2FF)
YUV	203.5920, 25.3441, -55.7702
Hunter-Lab	81.9684, -21.3611, -18.2978

Details

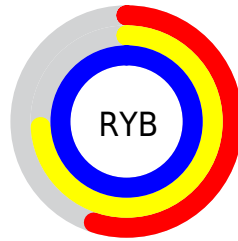
The XYZ color **56.0616, 67.1882, 104.6216** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.1622, 51.5301, 31.5884**, and the grayscale version is **57.0115, 59.9806, 65.3189**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **28.1493, 34.9524, 58.6889** is the 20% darker color. If you saturate the color by 10%, you get **50.5368, 61.7944, 103.8717**, and if you desaturate by 10%, it is **62.6512, 73.2313, 105.4407**.

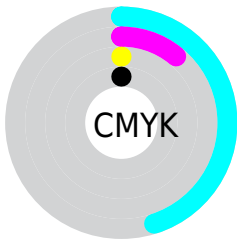
Distribution



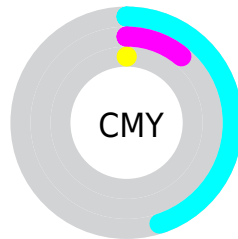
- Red (55%)
- Green (89%)
- Blue (100%)



- Red (55%)
- Yellow (74%)
- Blue (100%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0616, 67.1882, 104.6216 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 56.0616, 67.1882, 104.6216 by changing the saturation by 10% instead.

56.0616, 67.1882,
104.6216

56.0616, 67.1882,
104.6216

399.9949,
450.6144, 596.2833

40.4895, 49.2376,
79.5275

98.2339, 115.1900,
169.6010

28.1063, 34.8080,
58.8057

125.5649,
146.0101, 210.3234

18.5467, 23.5150,
42.0378

157.5461,
181.8887, 257.0923

11.4452, 14.9742,
28.8051

194.5431,
223.2103, 310.3262

6.4366, 8.8013,
18.6891

236.9211,
270.3592, 370.4438

3.1555, 4.6118,
11.2713

285.0455,

1.2365, 2.0214,

323.7200, 437.8634

6.1332

339.2816,
383.6769, 513.0037

■ 0.1349, 0.6198,
2.8561

■ 0.0000, 0.0000,
1.0216

■ 56.0616, 67.1882,
104.6216

■ 56.0616, 67.1882,
104.6216

■ 50.5368, 61.7944,
103.8717

■ 62.6512, 73.2313,
105.4407

■ 46.0008, 57.0051,
103.1863

■ 70.3637, 79.9502,
106.3311

■ 42.3759, 52.7807,
102.5620

■ 79.2597, 87.3785,
107.2961

■ 39.5697, 49.0725,
101.9941

■ 89.3933, 95.5453,
108.3383

■ 37.4682, 45.8206,
101.4772

95.0500, 100.0000,
108.9000

■ 36.6157, 44.3514,
101.2386

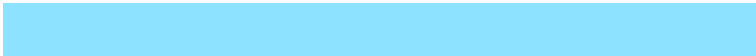
Harmonies

Analogous

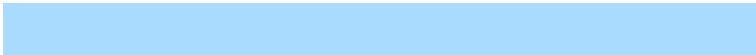
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.6825, 67.1882, 86.2886



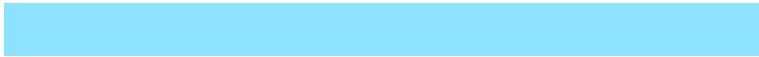
56.0616, 67.1882, 104.6216



61.6891, 67.1882, 115.0162

Triad

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



56.0616, 67.1882, 104.6216



77.1655, 67.1882, 79.6289



59.6223, 67.1882, 44.0901

Complementary

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



56.0616, 67.1882, 104.6216



60.1622, 51.5301, 31.5884

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.



66.0820, 67.1882, 42.9293



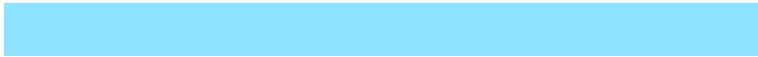
56.0616, 67.1882, 104.6216



76.5171, 67.1882, 61.4294

Square

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



56.0616, 67.1882, 104.6216



74.0659, 67.1882, 99.0318



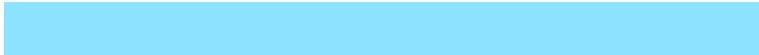
72.3508, 67.1882, 48.7323



54.6382, 67.1882, 52.2334

Rectangle

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



56.0616, 67.1882, 104.6216



66.0886, 67.1882, 115.0118



72.3508, 67.1882, 48.7323



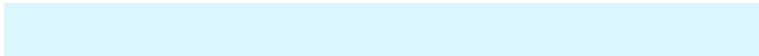
61.6828, 67.1882, 42.9315

Sweetspot

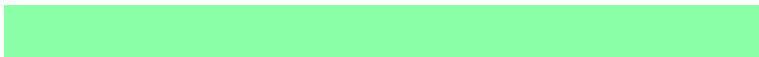
The Sweet Spot groups the original color and five complimentary colors.



56.0635, 67.1907, 104.6220



80.3090, 88.2371, 107.4065



53.7144, 79.9512, 50.0162



16.7503, 18.5264, 22.9431



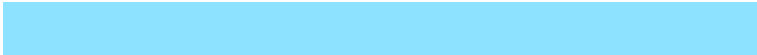
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.0635, 67.1907, 104.6220



51.0929, 62.3555, 103.9507



43.0083, 41.0803, 100.2703



18.1443, 19.6601, 23.0884



19.2579, 23.4253, 52.9411



1.9620, 2.4548, 5.1837

Inverse Universe

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



64.3468, 45.5089, 77.3469



60.5915, 39.2347, 72.2833



73.2388, 77.6831, 35.9472



18.5855, 18.2175, 21.7002



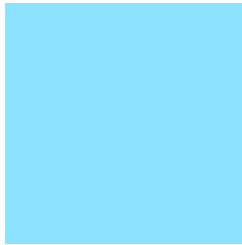
26.5087, 13.0928, 27.1269



2.6250, 1.2924, 2.8724

Previews

White Background



This preview shows how the XYZ color 56.0616, 67.1882, 104.6216 looks on a white background.

Color Contrast Check

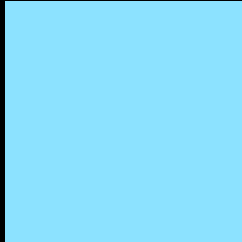
Large Text (above 18pt) WCAG AA × Fail

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 56.0616, 67.1882, 104.6216 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 56.0616, 67.1882, 104.6216

Background



This preview shows how black text looks on a background with the XYZ color 56.0616, 67.1882, 104.6216.

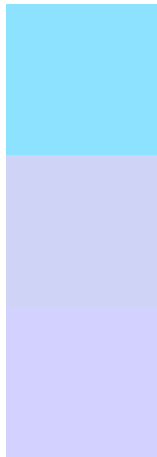


This preview shows how white text looks on a background with the XYZ color 56.0616, 67.1882,

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

56.0616, 67.1882, 104.6216

Protanopia

65.5078, 66.4465, 95.7590

Deuteranopia

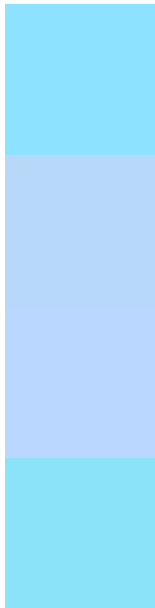
67.7144, 66.6698, 103.9074



Tritanopia

54.6945, 67.4590, 97.3270

Trichromacy



Original Color

56.0616, 67.1882, 104.6216

Protanomaly

61.1832, 66.0186, 99.1407

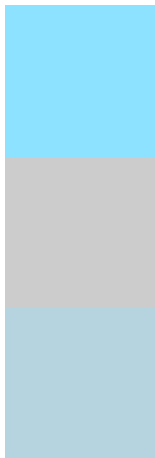
Deuteranomaly

62.3580, 66.1352, 104.0865

Tritanomaly

55.0492, 67.1810, 99.6884

Monochromacy



Original Color

56.0616, 67.1882, 104.6216

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.9188, 62.2384, 78.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0616, 67.1882, 104.6216 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(140, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 226, 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(140, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.0616, 67.1882, 104.6216 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(140, 226, 255) }
```


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

```
.border{ border-color:rgb(140, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0616, 67.1882, 104.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 226, 255) }
```

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

```
.background{ background-color: rgb(140,  
226, 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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