

Converting Colors

XYZ(56.5694, 68.2954,
104.8085)

Have a look what the booklet for
XYZ(56.5694, 68.2954, 104.8085)
contains.

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Color

**XYZ(56.6086, 68.2823,
104.8039)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE4FF
RGB	140, 228, 255
RGB Percent	55%, 89%, 100%
CMY	0.4510, 0.1059, 0.0000
CMYK	0.45, 0.11, 0.00, 0.00
HSL	194°, 100%, 77%
HSV	194°, 45%, 100%
XYZ	56.6086, 68.2823, 104.8039
YIQ	204.7660, -61.1150, -10.2590

Conversions

Conversions Part 2

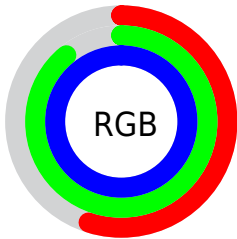
Format	Color
RYB	140, 190, 255
Decimal	9233663
CIELab	86.15, -19.61, -21.35
CIELCh	86, 28.993, 227.437
Yxy	68.2823, 0.2465, 0.2973
Android (android.graphics.Color)	4287423743 (0xFF8CE4FF)
YUV	204.7660, 24.7654, -56.7998
Hunter-Lab	82.6331, -22.3248, -17.3546

Details

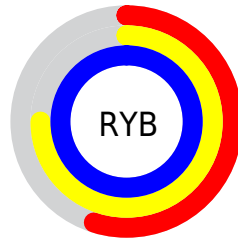
The XYZ color **56.6086, 68.2823, 104.8039** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **59.7929, 50.7914, 31.4651**, and the grayscale version is **57.7570, 60.7648, 66.1729**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **28.3389, 35.3316, 58.7521** is the 20% darker color. If you saturate the color by 10%, you get **51.1812, 63.0832, 104.0865**, and if you desaturate by 10%, it is **63.0923, 74.1137, 105.5878**.

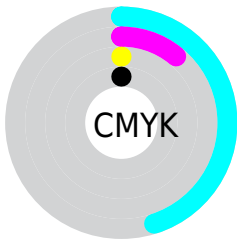
Distribution



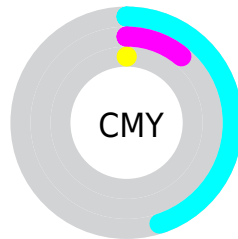
- Red (55%)
- Green (89%)
- Blue (100%)



- Red (55%)
- Yellow (75%)
- 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 56.6086, 68.2823, 104.8039 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 56.6086, 68.2823, 104.8039 by changing the saturation by 10% instead.

56.6086, 68.2823,
104.8039

56.6086, 68.2823,
104.8039

402.0190,
454.4956, 596.8648

40.9300, 50.1274,
79.6793

99.0285, 116.7559,
169.8526

28.4518, 35.5147,
58.9299

126.5005,
147.8434, 210.6137

18.8087, 24.0596,
42.1371

158.6344,
184.0106, 257.4242

11.6353, 15.3778,
28.8823

195.7955,
225.6419, 310.7025

6.5663, 9.0850,
18.7470

238.3491,
273.1216, 370.8672

3.2363, 4.7967,
11.3126

286.6607,

1.2799, 2.1285,

326.8342, 438.3367

6.1607

341.0955,
387.1641, 513.5298

■ 0.1681, 0.6806,
2.8727

■ 0.0000, 0.0000,
1.0300

■ 56.6086, 68.2823,
104.8039

■ 56.6086, 68.2823,
104.8039

■ 51.1812, 63.0832,
104.0865

■ 63.0923, 74.1137,
105.5878

■ 46.7342, 58.4718,
103.4308

■ 70.6903, 80.6034,
106.4400

■ 43.1900, 54.4088,
102.8333

■ 79.4628, 87.7849,
107.3638

■ 40.4563, 50.8457,
102.2897

■ 89.4641, 95.6871,
108.3619

■ 38.4194, 47.7230,
101.7943

95.0500, 100.0000,
108.9000

■ 37.5957, 46.3114,
101.5652

Harmonies

Analogous

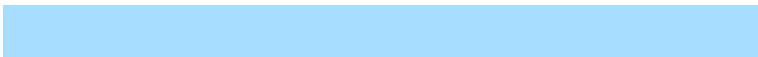
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.4207, 68.2823, 85.9023



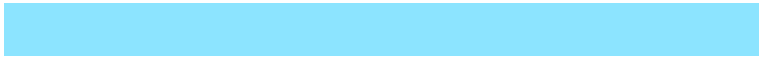
56.6086, 68.2823, 104.8039



62.1512, 68.2823, 116.2545

Triad

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



56.6086, 68.2823, 104.8039



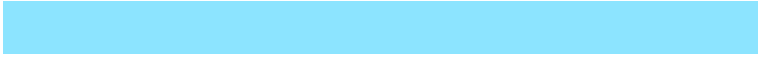
78.2359, 68.2823, 82.6241



61.1337, 68.2823, 44.5305

Complementary

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



56.6086, 68.2823, 104.8039



59.7929, 50.7914, 31.4651

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.



67.7292, 68.2823, 43.9588



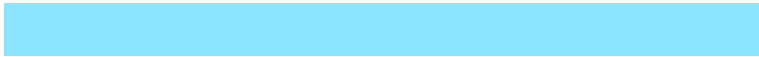
56.6086, 68.2823, 104.8039



77.9167, 68.2823, 63.8788

Square

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



56.6086, 68.2823, 104.8039



74.8088, 68.2823, 102.0527



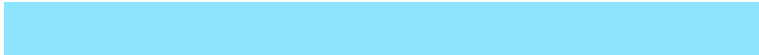
73.9645, 68.2823, 50.4501



55.9078, 68.2823, 52.1742

Rectangle

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



56.6086, 68.2823, 104.8039



66.5739, 68.2823, 117.0245



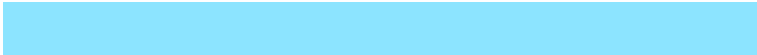
73.9645, 68.2823, 50.4501



63.2549, 68.2823, 43.5582

Sweetspot

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



56.6105, 68.2848, 104.8043



80.4982, 88.6155, 107.4695



53.5360, 79.8799, 49.0770



16.7967, 18.6192, 22.9585



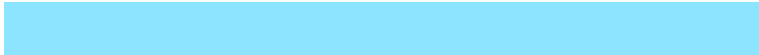
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.6105, 68.2848, 104.8043



51.7271, 63.6239, 104.1621



43.3667, 41.7973, 100.3897



18.1722, 19.7160, 23.0977



19.7648, 24.4392, 53.1101



2.0076, 2.5459, 5.1989

Inverse Universe

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



64.6229, 45.6192, 78.8010



60.9116, 39.3627, 73.9690



72.7197, 76.6450, 35.7740



18.5996, 18.2231, 21.7744



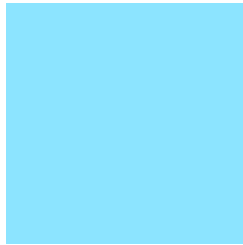
26.7646, 13.1951, 28.4743



2.6480, 1.3016, 2.9936

Previews

White Background



This preview shows how the XYZ color 56.6086, 68.2823, 104.8039 looks on a white background.

Color Contrast Check

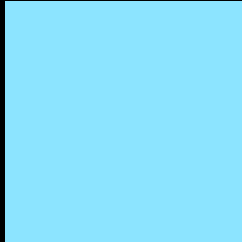
Large Text (above 18pt) WCAG AA × Fail

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 56.6086, 68.2823, 104.8039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

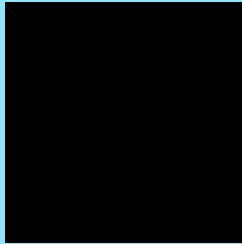
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6086, 68.2823, 104.8039

Background



This preview shows how black text looks on a background with the XYZ color 56.6086, 68.2823, 104.8039.

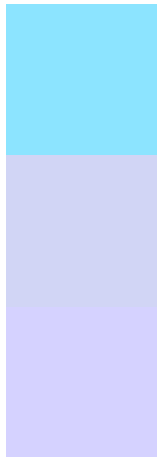


This preview shows how white text looks on a background with the XYZ color 56.6086, 68.2823,

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

56.6086, 68.2823, 104.8039

Protanopia

66.5702, 67.7364, 95.9520

Deuteranopia

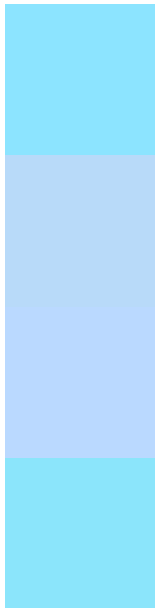
68.5372, 67.4593, 104.0164



Tritanopia

55.4438, 68.2192, 99.0524

Trichromacy



Original Color

56.6086, 68.2823, 104.8039

Protanomaly

61.9375, 67.1727, 99.3237

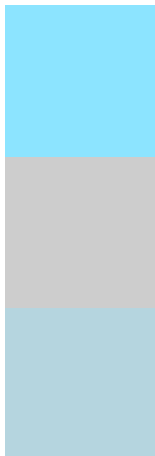
Deuteranomaly

63.1126, 67.2848, 104.2686

Tritanomaly

56.0794, 68.4926, 101.5315

Monochromacy



Original Color

56.6086, 68.2823, 104.8039

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.1696, 62.7400, 78.9616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6086, 68.2823, 104.8039 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, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 228, 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, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.6086, 68.2823, 104.8039 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, 228, 255) }
```


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

```
.border{ border-color:rgb(140, 228, 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, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6086, 68.2823, 104.8039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 228, 255) }
```

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

```
.background{ background-color: rgb(140,  
228, 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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