

Converting Colors

XYZ(61.4743, 69.8725,
121.2897)

Have a look what the booklet for
XYZ(61.4743, 69.8725, 121.2897)
contains.

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Color

**XYZ(58.4680, 68.8336,
104.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	98E3FF
RGB	152, 227, 255
RGB Percent	60%, 89%, 100%
CMY	0.4039, 0.1098, 0.0000
CMYK	0.40, 0.11, 0.00, 0.00
HSL	196°, 100%, 80%
HSV	196°, 40%, 100%
XYZ	58.4680, 68.8336, 104.8124
YIQ	207.7670, -53.6880, -7.1920

Conversions

Conversions Part 2

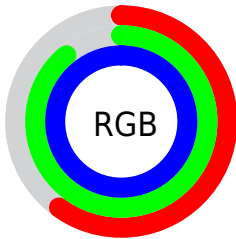
Format	Color
R_{YB}	152, 195, 255
Decimal	10019839
CIE _{Lab}	86.42, -16.24, -20.89
CIE _{LCh}	86, 26.455, 232.140
Yxy	68.8336, 0.2519, 0.2966
Android (android.graphics.Color)	4288209919 (0xFF98E3FF)
YUV	207.7670, 23.2859, -48.9077
Hunter-Lab	82.9660, -19.3976, -16.8259

Details

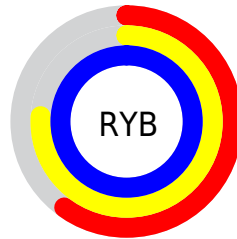
The XYZ color **58.4680, 68.8336, 104.8124** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **63.2292, 56.1699, 37.2170**, and the grayscale version is **59.6840, 62.7922, 68.3807**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **29.6649, 36.0152, 58.8142** is the 20% darker color. If you saturate the color by 10%, you get **52.3410, 62.9186, 103.9936**, and if you desaturate by 10%, it is **65.7010, 75.4353, 105.7054**.

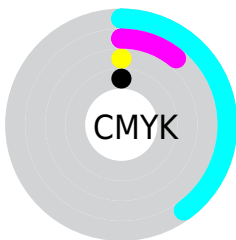
Distribution



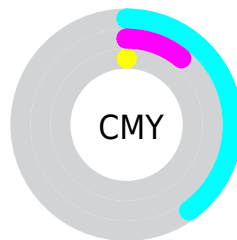
- Red (60%)
- Green (89%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4680, 68.8336, 104.8124 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 58.4680, 68.8336, 104.8124 by changing the saturation by 10% instead.

■ 58.4680, 68.8336,
104.8124

■ 58.4680, 68.8336,
104.8124

408.8534,
456.4439, 596.8919

■ 42.4297, 50.5762,
79.6864

■ 101.7231,
117.5439, 169.8643

■ 29.6305, 35.8714,
58.9357

■ 129.6707,
148.7655, 210.6273

■ 19.7050, 24.3349,
42.1417

162.3187,
185.0774, 257.4397

■ 12.2878, 15.5823,
28.8859

200.0326,
226.8639, 310.7200

■ 7.0136, 9.2290,
18.7496

243.1776,
274.5094, 370.8869

■ 3.5170, 4.8909,
11.3145

292.1192,

■ 1.4327, 2.1834,

328.3983, 438.3588

6.1620

347.2226,
388.9150, 513.5543

■ 0.2793, 0.7109,
2.8735

■ 0.0000, 0.0000,
1.0304

■ 58.4680, 68.8336,
104.8124

■ 58.4680, 68.8336,
104.8124

■ 52.3410, 62.9186,
103.9936

■ 65.7010, 75.4353,
105.7054

■ 47.2471, 57.6465,
103.2444

■ 74.0957, 82.7488,
106.6746

■ 43.1131, 52.9800,
102.5616

■ 83.7106, 90.8073,
107.7233

■ 39.8532, 48.8733,
101.9408

94.5984, 99.6392,
108.8542

■ 37.3647, 45.2723,
101.3768

95.0500, 100.0000,
108.9000

■ 35.5429, 42.2058,
100.8810

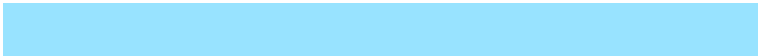
Harmonies

Analogous

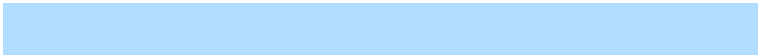
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.1234, 68.8336, 88.3734



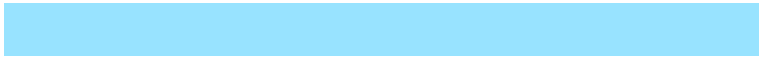
58.4680, 68.8336, 104.8124



63.8291, 68.8336, 113.5134

Triad

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



58.4680, 68.8336, 104.8124



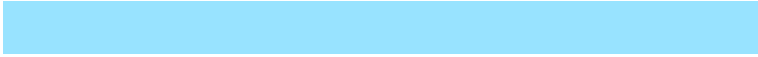
77.7808, 68.8336, 79.6493



61.0909, 68.8336, 47.8766

Complementary

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



58.4680, 68.8336, 104.8124



63.2292, 56.1699, 37.2170

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.



67.0458, 68.8336, 46.2869



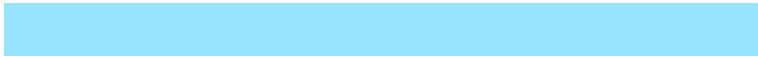
58.4680, 68.8336, 104.8124



76.9346, 68.8336, 62.9563

Square

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



58.4680, 68.8336, 104.8124



75.1566, 68.8336, 97.5804



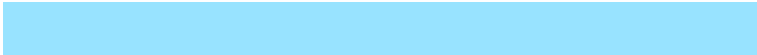
72.9115, 68.8336, 51.3750



56.5706, 68.8336, 56.1174

Rectangle

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



58.4680, 68.8336, 104.8124



67.9292, 68.8336, 112.9381



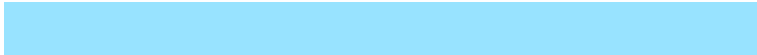
72.9115, 68.8336, 51.3750



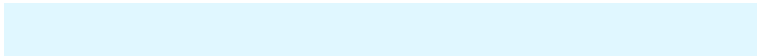
62.9817, 68.8336, 46.6045

Sweetspot

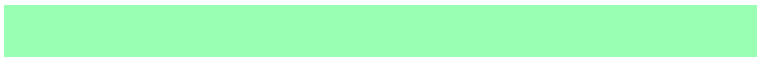
The Sweet Spot groups the original color and five complimentary colors.



58.4699, 68.8362, 104.8128



82.0783, 89.4587, 107.5490



56.8941, 81.4696, 55.6240



17.2898, 18.9167, 22.9900



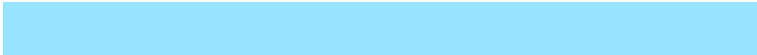
0.0000, 0.0000, 0.0000



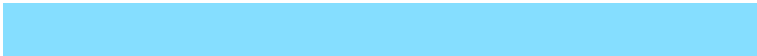
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4699, 68.8362, 104.8128



53.7093, 64.2730, 104.1829



46.5323, 44.9609, 100.8336



18.1128, 19.5972, 23.0779



18.7025, 22.3146, 52.7560



1.9119, 2.3544, 5.1670

Inverse Universe

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



66.3346, 49.2642, 78.6886



62.7214, 43.1852, 73.9471



75.4747, 80.6609, 41.2989



18.5696, 18.2111, 21.6165



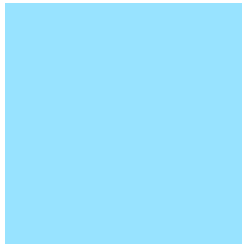
26.2284, 12.9806, 25.6508



2.5996, 1.2822, 2.7390

Previews

White Background



This preview shows how the XYZ color 58.4680, 68.8336, 104.8124 looks on a white background.

Color Contrast Check

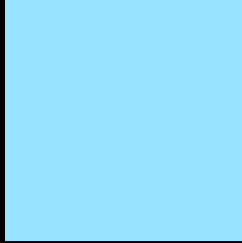
Large Text (above 18pt) WCAG AA × Fail

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 58.4680, 68.8336, 104.8124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

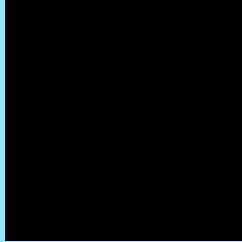
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4680, 68.8336, 104.8124

Background



This preview shows how black text looks on a background with the XYZ color 58.4680, 68.8336, 104.8124.



This preview shows how white text looks on a background with the XYZ color 58.4680, 68.8336,

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

58.4680, 68.8336, 104.8124

Protanopia

67.2595, 68.4486, 96.8557

Deuteranopia

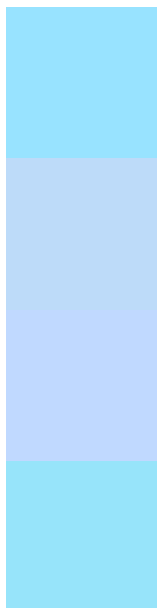
69.3686, 68.2556, 104.1263



Tritanopia

57.1096, 68.6862, 98.2435

Trichromacy



Original Color

58.4680, 68.8336, 104.8124

Protanomaly

63.4167, 68.3214, 99.4675

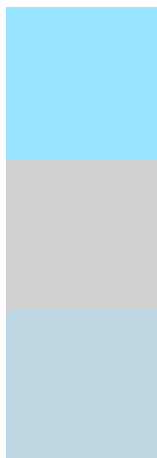
Deuteranomaly

64.6011, 68.0522, 104.3383

Tritanomaly

57.7612, 68.9682, 100.7103

Monochromacy



Original Color

58.4680, 68.8336, 104.8124

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.6301, 64.7285, 80.6379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4680, 68.8336, 104.8124 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(152, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.4680, 68.8336, 104.8124 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(152, 227, 255) }
```


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

```
.border{ border-color:rgb(152, 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(152, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 227, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 227, 255); box-shadow:4px 4px 4px 4px rgb(152, 227, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4680, 68.8336, 104.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 227, 255) }
```

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

```
.background{ background-color: rgb(152,  
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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