

Converting Colors

XYZ(58.0813, 68.0862,
104.2757)

Have a look what the booklet for
XYZ(58.0813, 68.0862, 104.2757)
contains.

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Color

**XYZ(58.1953, 68.2881,
104.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	98E2FF
RGB	152, 226, 255
RGB Percent	60%, 89%, 100%
CMY	0.4039, 0.1137, 0.0000
CMYK	0.40, 0.11, 0.00, 0.00
HSL	197°, 100%, 80%
HSV	197°, 40%, 100%
XYZ	58.1953, 68.2881, 104.7215
YIQ	207.1800, -53.4130, -6.6690

Conversions

Conversions Part 2

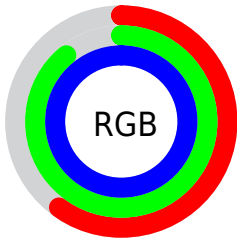
Format	Color
RYB	152, 195, 255
Decimal	10019583
CIELab	86.15, -15.73, -21.30
CIELCh	86, 26.476, 233.552
Yxy	68.2881, 0.2517, 0.2954
Android (android.graphics.Color)	4288209663 (0xFF98E2FF)
YUV	207.1800, 23.5753, -48.3929
Hunter-Lab	82.6366, -18.9088, -17.2898

Details

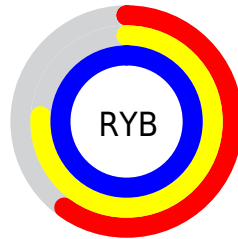
The XYZ color **58.1953, 68.2881, 104.7215** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **63.4320, 56.5753, 37.2848**, and the grayscale version is **59.3034, 62.3918, 67.9446**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **29.4753, 35.6359, 58.7510** is the 20% darker color. If you saturate the color by 10%, you get **52.0147, 62.2658, 103.8848**, and if you desaturate by 10%, it is **65.4874, 75.0079, 105.6342**.

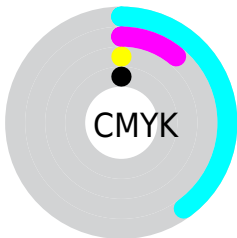
Distribution



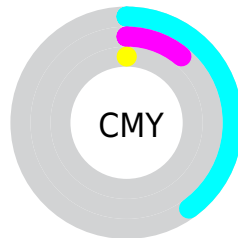
- Red (60%)
- Green (89%)
- Blue (100%)



- 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 58.1953, 68.2881, 104.7215 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 58.1953, 68.2881, 104.7215 by changing the saturation by 10% instead.

■ 58.1953, 68.2881,
104.7215

■ 58.1953, 68.2881,
104.7215

407.8554,
454.5161, 596.6020

■ 42.2095, 50.1322,
79.6107

■ 101.3285,
116.7642, 169.7389

■ 29.4572, 35.5184,
58.8738

■ 129.2067,
147.8531, 210.4825

■ 19.5730, 24.0625,
42.0922

161.7798,
184.0219, 257.2742

■ 12.1915, 15.3800,
28.8474

199.4131,
225.6548, 310.5324

■ 6.9474, 9.0865,
18.7208

242.4719,
273.1362, 370.6758

■ 3.4752, 4.7976,
11.2939

291.3217,

■ 1.4098, 2.1290,

326.8507, 438.1228

6.1483

346.3277,
387.1825, 513.2920

■ 0.2632, 0.6809,
2.8652

■ 0.0000, 0.0000,
1.0262

■ 58.1953, 68.2881,
104.7215

■ 58.1953, 68.2881,
104.7215

■ 52.0147, 62.2658,
103.8848

■ 65.4874, 75.0079,
105.6342

■ 46.8724, 56.8970,
103.1195

■ 73.9466, 82.4506,
106.6249

■ 42.6953, 52.1442,
102.4223

■ 83.6317, 90.6495,
107.6970

■ 39.3973, 47.9615,
101.7888

94.5955, 99.6331,
108.8531

■ 36.8758, 44.2945,
101.2139

95.0500, 100.0000,
108.9000

■ 35.0268, 41.1736,
100.7089

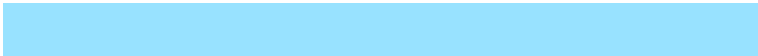
Harmonies

Analogous

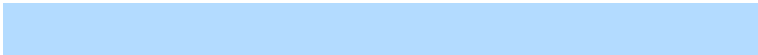
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.7532, 68.2881, 88.5746



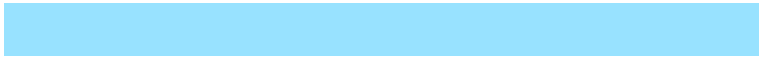
58.1953, 68.2881, 104.7215



63.5998, 68.2881, 112.9004

Triad

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



58.1953, 68.2881, 104.7215



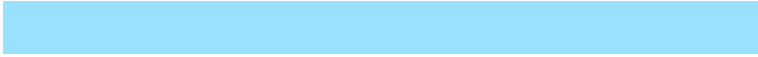
77.2496, 68.2881, 78.1836



60.3386, 68.2881, 47.6561

Complementary

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



58.1953, 68.2881, 104.7215



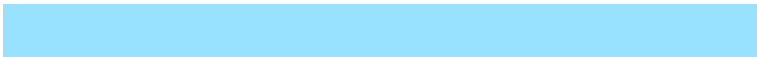
63.4320, 56.5753, 37.2848

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.



66.2295, 68.2881, 45.7628



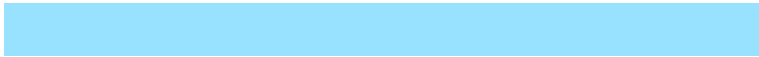
58.1953, 68.2881, 104.7215



76.2417, 68.2881, 61.7435

Square

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



58.1953, 68.2881, 104.7215



74.7873, 68.2881, 96.1078



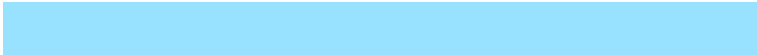
72.1133, 68.2881, 50.5105



55.9355, 68.2881, 56.1588

Rectangle

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



58.1953, 68.2881, 104.7215



67.6884, 68.2881, 111.9498



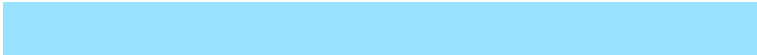
72.1133, 68.2881, 50.5105



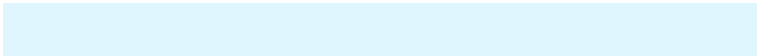
62.2005, 68.2881, 46.2869

Sweetspot

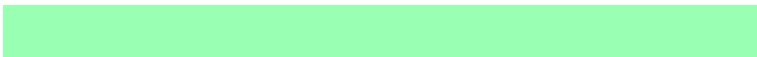
The Sweet Spot groups the original color and five complimentary colors.



58.1972, 68.2906, 104.7218



81.9877, 89.2774, 107.5188



56.8941, 81.4696, 55.6242



17.2683, 18.8739, 22.9828



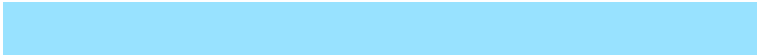
0.0000, 0.0000, 0.0000



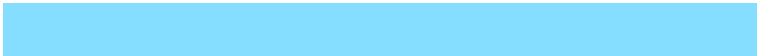
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1972, 68.2906, 104.7218



53.3952, 63.6448, 104.0782



46.5324, 44.9611, 100.8336



18.0973, 19.5662, 23.0728



18.4352, 21.7800, 52.6669



1.8876, 2.3059, 5.1589

Inverse Universe

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



66.1970, 49.2092, 77.9636



62.5629, 43.1217, 73.1121



75.4748, 80.6610, 41.2990



18.5618, 18.2080, 21.5753



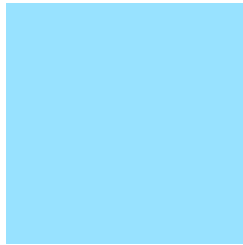
26.0934, 12.9267, 24.9402



2.5874, 1.2773, 2.6746

Previews

White Background



This preview shows how the XYZ color 58.1953, 68.2881, 104.7215 looks on a white background.

Color Contrast Check

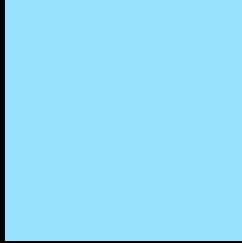
Large Text (above 18pt) WCAG AA × Fail

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 58.1953, 68.2881, 104.7215 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

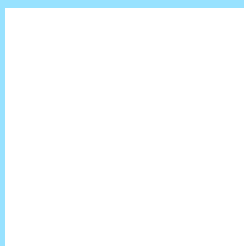
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1953, 68.2881, 104.7215

Background



This preview shows how black text looks on a background with the XYZ color 58.1953, 68.2881, 104.7215.

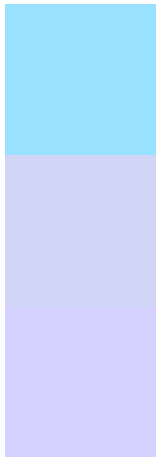


This preview shows how white text looks on a background with the XYZ color 58.1953, 68.2881,

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

58.1953, 68.2881, 104.7215

Protanopia

66.7233, 67.7976, 96.7583

Deuteranopia

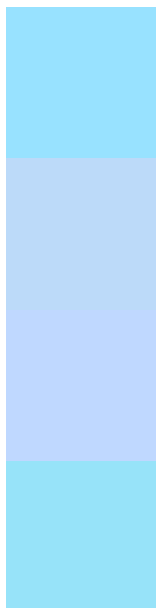
68.8281, 67.6093, 104.0300



Tritanopia

56.9556, 68.6247, 97.4328

Trichromacy



Original Color

58.1953, 68.2881, 104.7215

Protanomaly

62.9093, 67.6737, 99.3692

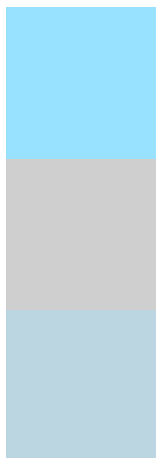
Deuteranomaly

64.0917, 67.4081, 104.2408

Tritanomaly

57.3305, 68.3570, 99.7951

Monochromacy



Original Color

58.1953, 68.2881, 104.7215

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.9946, 64.0397, 79.8253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1953, 68.2881, 104.7215 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.1953, 68.2881, 104.7215 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, 226, 255) }
```


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

```
.border{ border-color:rgb(152, 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(152, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1953, 68.2881, 104.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 255) }
```

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

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