

Converting Colors

XYZ(53.5048, 58.1270, 93.6306)

Have a look what the booklet for
XYZ(53.5048, 58.1270, 93.6306)
contains.

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Color

**XYZ(53.4703, 58.0868,
93.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CDF4
RGB	164, 205, 244
RGB Percent	64%, 80%, 96%
CMY	0.3568, 0.1961, 0.0431
CMYK	0.33, 0.16, 0.00, 0.04
HSL	209°, 78%, 80%
HSV	209°, 33%, 96%
XYZ	53.4703, 58.0868, 93.9816
YIQ	197.1870, -36.9550, 3.4370

Conversions

Conversions Part 2

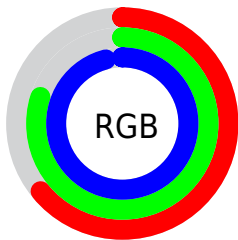
Format	Color
RYB	164, 191, 244
Decimal	10800628
CIELab	80.79, -4.43, -23.55
CIELCh	81, 23.964, 259.351
Yxy	58.0868, 0.2601, 0.2826
Android (android.graphics.Color)	4288990708 (0xFFA4CDF4)
YUV	197.1870, 23.0788, -29.1050
Hunter-Lab	76.2147, -8.1446, -19.7612

Details

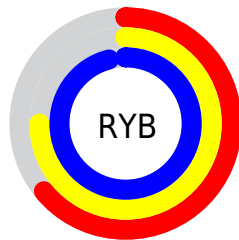
The XYZ color **53.4703, 58.0868, 93.9816** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.3660, 64.6262, 44.1526**, and the grayscale version is **53.0663, 55.8299, 60.7987**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **26.5741, 29.0791, 51.7892** is the 20% darker color. If you saturate the color by 10%, you get **46.1719, 50.2610, 92.8567**, and if you desaturate by 10%, it is **61.9547, 66.8478, 95.2265**.

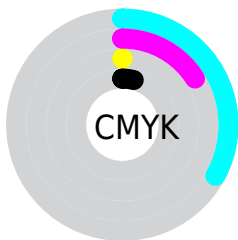
Distribution



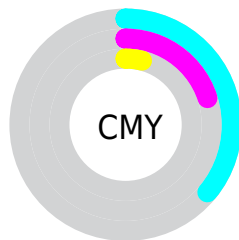
- Red (64%)
- Green (80%)
- Blue (96%)



- Red (64%)
- Yellow (75%)
- Blue (96%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4703, 58.0868, 93.9816 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 53.4703, 58.0868, 93.9816 by changing the saturation by 10% instead.

■ 53.4703, 58.0868,
93.9816

■ 53.4703, 58.0868,
93.9816

390.3183,
417.5093, 561.8004

■ 38.4073, 41.8784,
70.6955

■ 94.4575, 102.0492,
154.8403

■ 26.4776, 29.0061,
51.6134

■ 121.1125,
130.5721, 193.2500

■ 17.3158, 19.0854,
36.3169

152.3621,
163.9686, 237.5379

■ 10.5566, 11.7320,
24.3874

188.5718,
202.6231, 288.1227

■ 5.8346, 6.5615,
15.4064

230.1069,
246.9201, 345.4227

■ 2.7845, 3.1894,
8.9553

277.3328,

■ 1.0408, 1.2314,

297.2438, 409.8567

4.6156

330.6148,
353.9788, 481.8430

■ 0.0000, 0.0871,
1.9688

■ 0.0000, 0.0000,
0.5360

■ 53.4703, 58.0868,
93.9816

■ 53.4703, 58.0868,
93.9816

■ 46.1719, 50.2610,
92.8567

■ 61.9547, 66.8478,
95.2265

■ 39.9939, 43.3254,
91.8437

■ 71.6751, 76.5727,
96.5912

■ 34.8719, 37.2410,
90.9392

■ 82.6855, 87.2973,
98.0810

■ 30.7324, 31.9621,
90.1385

■ 92.5629, 97.7789,
99.5835

■ 27.4910, 27.4374,
89.4359

■ 93.3293, 99.3117,
99.8390

■ 25.0463, 23.6063,
88.8253

■ 23.6699, 21.2128,
88.4359

Harmonies

Analogous

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



49.2412, 58.0868, 86.2538



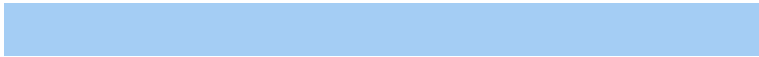
53.4703, 58.0868, 93.9816



58.4227, 58.0868, 92.5950

Triad

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



53.4703, 58.0868, 93.9816



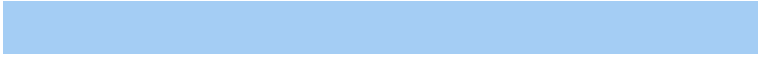
64.6815, 58.0868, 54.6408



48.3014, 58.0868, 47.1059

Complementary

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



53.4703, 58.0868, 93.9816



65.3660, 64.6262, 44.1526

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.



52.1169, 58.0868, 40.8646



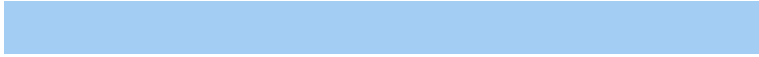
53.4703, 58.0868, 93.9816



61.6421, 58.0868, 44.7443

Square

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



53.4703, 58.0868, 93.9816



65.0976, 58.0868, 68.4164



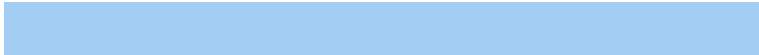
56.9865, 58.0868, 40.0701



46.3776, 58.0868, 58.3441

Rectangle

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



53.4703, 58.0868, 93.9816



61.4647, 58.0868, 86.7425



56.9865, 58.0868, 40.0701



49.3943, 58.0868, 44.4302

Sweetspot

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



53.4721, 58.0891, 93.9829



82.4447, 87.8040, 107.2103



58.4017, 76.8910, 68.0568



17.2925, 18.4462, 22.8990



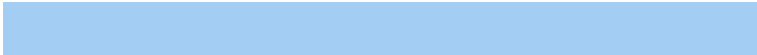
0.0000, 0.0000, 0.0000



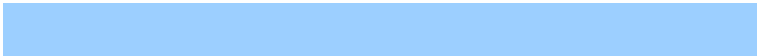
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4721, 58.0891, 93.9829



53.8700, 58.6364, 103.0865



45.1559, 41.4566, 91.2109



16.2835, 17.3312, 21.0296



13.0077, 11.8091, 48.1318



1.2461, 1.2437, 4.2646

Inverse Universe

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



61.6047, 50.1935, 64.2014



64.2569, 49.3677, 64.8664



75.9611, 85.8164, 47.6843



16.8537, 16.6243, 18.9760



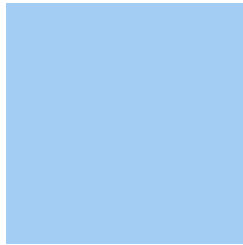
22.3702, 11.2915, 11.9237



2.0181, 1.0132, 1.3215

Previews

White Background



This preview shows how the XYZ color 53.4703, 58.0868, 93.9816 looks on a white background.

Color Contrast Check

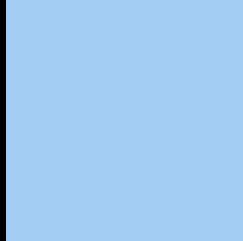
Large Text (above 18pt) WCAG AA × Fail

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 53.4703, 58.0868, 93.9816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

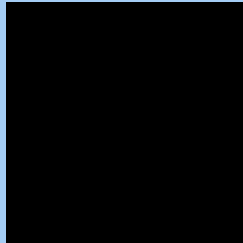
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

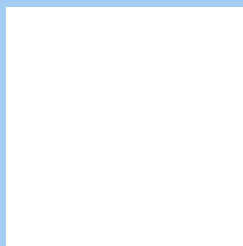
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4703, 58.0868, 93.9816

Background



This preview shows how black text looks on a background with the XYZ color 53.4703, 58.0868, 93.9816.



This preview shows how white text looks on a background with the XYZ color 53.4703, 58.0868,

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

53.4703, 58.0868, 93.9816

Protanopia

57.2599, 57.6965, 89.7800

Deuteranopia

59.1394, 57.8694, 95.2417



Tritanopia

50.6437, 58.0216, 79.7642

Trichromacy



Original Color

53.4703, 58.0868, 93.9816

Protanomaly

55.8199, 57.9479, 91.4621

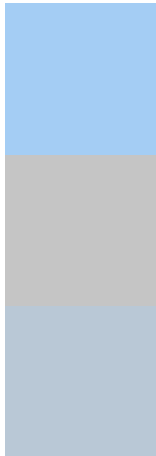
Deuteranomaly

56.6720, 57.6298, 94.5229

Tritanomaly

51.5763, 58.0289, 84.8263

Monochromacy



Original Color

53.4703, 58.0868, 93.9816

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7995, 56.4779, 71.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4703, 58.0868, 93.9816 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(164, 205, 244)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 244)  
}
```

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(164, 205, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.4703, 58.0868, 93.9816 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(164, 205, 244) }
```


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

```
.border{ border-color:rgb(164, 205, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 205, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 244);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4703, 58.0868, 93.9816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 244) }
```

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

```
.background{ background-color: rgb(164,  
205, 244) }
```

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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