

Converting Colors

XYZ(54.1641, 58.5060,
106.6178)

Have a look what the booklet for
XYZ(54.1641, 58.5060, 106.6178)
contains.

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Color

**XYZ(53.4477, 58.2326,
103.0308)**

Conversions

Conversions Part 1

Format	Color
Hex	9ACEFF
RGB	154, 206, 255
RGB Percent	60%, 81%, 100%
CMY	0.3961, 0.1921, 0.0000
CMYK	0.40, 0.19, 0.00, 0.00
HSL	209°, 100%, 80%
HSV	209°, 40%, 100%
XYZ	53.4477, 58.2326, 103.0308
YIQ	196.0380, -46.7210, 4.2150

Conversions

Conversions Part 2

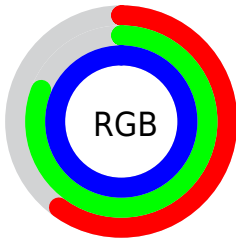
Format	Color
RYB	154, 188, 255
Decimal	10145535
CIELab	80.87, -4.84, -29.34
CIELCh	81, 29.733, 260.641
Yxy	58.2326, 0.2489, 0.2712
Android (android.graphics.Color)	4288335615 (0xFF9ACEFF)
YUV	196.0380, 29.0683, -36.8673
Hunter-Lab	76.3103, -8.5217, -26.6336

Details

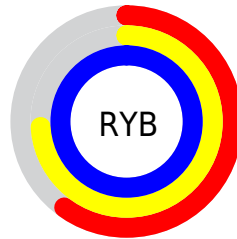
The XYZ color **53.4477, 58.2326, 103.0308** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.4292, 66.3055, 39.7654**, and the grayscale version is **52.3449, 55.0709, 59.9722**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **26.4583, 29.1304, 57.6543** is the 20% darker color. If you saturate the color by 10%, you get **46.2382, 50.2686, 101.8735**, and if you desaturate by 10%, it is **61.9258, 67.2011, 104.3150**.

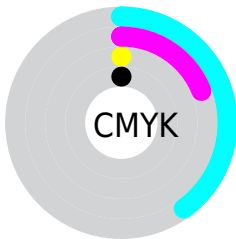
Distribution



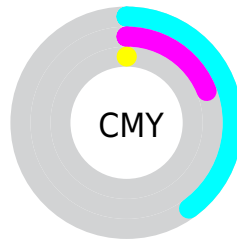
- Red (60%)
- Green (81%)
- Blue (100%)



- Red (60%)
- Yellow (74%)
- Blue (100%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4477, 58.2326, 103.0308 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 53.4477, 58.2326, 103.0308 by changing the saturation by 10% instead.

■ 53.4477, 58.2326,
103.0308

■ 53.4477, 58.2326,
103.0308

390.2332,
418.0521, 591.1961

■ 38.3892, 41.9957,
78.2031

■ 94.4245, 102.2615,
167.4041

■ 26.4635, 29.0979,
57.7234

■ 121.0735,
130.8223, 207.7868

■ 17.3052, 19.1549,
41.1731

152.3167,
164.2598, 254.1916

■ 10.5490, 11.7823,
28.1337

188.5194,
202.9584, 307.0371

■ 5.8295, 6.5956,
18.1865

230.0471,
247.3025, 366.7417

■ 2.7813, 3.2105,
10.9132

277.2651,

■ 1.0392, 1.2426,

297.6766, 433.7240

5.8950

330.5386,
354.4650, 508.4027

■ 0.0000, 0.0961,
2.7136

■ 0.0000, 0.0000,
0.9503

■ 53.4477, 58.2326,
103.0308

■ 53.4477, 58.2326,
103.0308

■ 46.2382, 50.2686,
101.8735

■ 61.9258, 67.2011,
104.3150

■ 40.2211, 43.2581,
100.8375

■ 71.7327, 77.2091,
105.7299

■ 35.3191, 37.1541,
99.9177

■ 82.9306, 88.2974,
107.2799

■ 31.4423, 31.9019,
99.1082

■ 95.0500, 100.0000,
108.9000

■ 28.4848, 27.4380,
98.4025

■ 26.2838, 23.6688,
97.7910

■ 26.2054, 23.5308,
97.7685

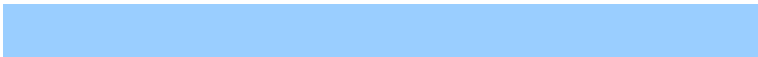
Harmonies

Analogous

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



48.1833, 58.2326, 93.3575



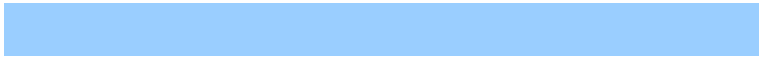
53.4477, 58.2326, 103.0308



59.6220, 58.2326, 100.6676

Triad

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



53.4477, 58.2326, 103.0308



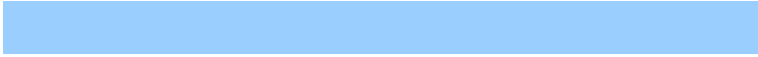
67.1672, 58.2326, 52.2016



46.7002, 58.2326, 44.2634

Complementary

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



53.4477, 58.2326, 103.0308



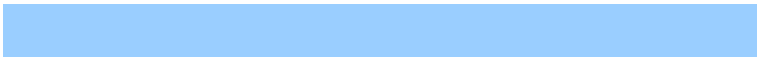
68.4292, 66.3055, 39.7654

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.



51.2839, 58.2326, 36.7021



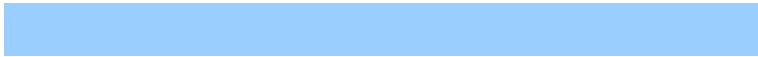
53.4477, 58.2326, 103.0308



63.1906, 58.2326, 40.6613

Square

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



53.4477, 58.2326, 103.0308



67.8540, 58.2326, 69.0732



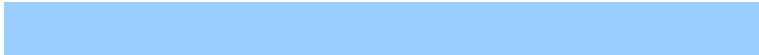
57.2935, 58.2326, 35.5183



44.4821, 58.2326, 58.0565

Rectangle

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



53.4477, 58.2326, 103.0308



63.4123, 58.2326, 92.7285



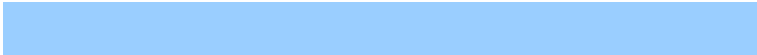
57.2935, 58.2326, 35.5183



47.9987, 58.2326, 41.0246

Sweetspot

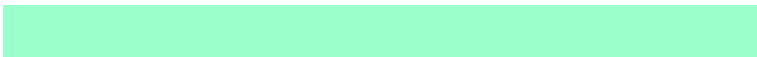
The Sweet Spot groups the original color and five complimentary colors.



53.4494, 58.2347, 103.0311



80.1203, 85.5427, 106.8963



59.8452, 82.6936, 69.1941



16.8282, 17.9936, 22.8361



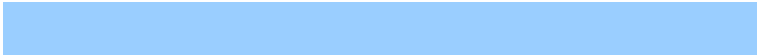
0.0000, 0.0000, 0.0000



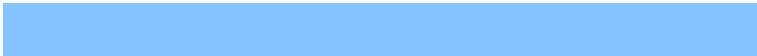
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4494, 58.2347, 103.0311



47.3140, 51.4825, 102.0511



43.2133, 37.7627, 99.6191



17.7765, 18.9246, 22.9658



13.8431, 12.5958, 51.1362



1.4573, 1.4452, 5.0154

Inverse Universe

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



63.9373, 48.8290, 64.4498



59.4934, 41.8939, 56.9485



82.2985, 94.0440, 44.3884



18.3998, 18.1432, 20.7227



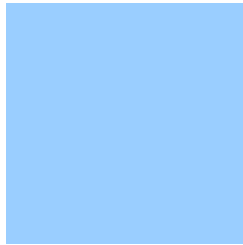
23.7756, 11.9995, 12.7345



2.3702, 1.1904, 1.5307

Previews

White Background



This preview shows how the XYZ color 53.4477, 58.2326, 103.0308 looks on a white background.

Color Contrast Check

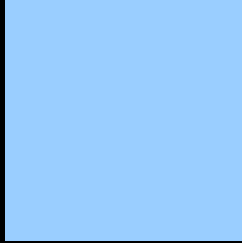
Large Text (above 18pt) WCAG AA × Fail

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 53.4477, 58.2326, 103.0308 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

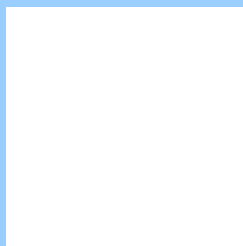
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4477, 58.2326, 103.0308

Background



This preview shows how black text looks on a background with the XYZ color 53.4477, 58.2326, 103.0308.



This preview shows how white text looks on a background with the XYZ color 53.4477, 58.2326,

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

53.4477, 58.2326, 103.0308

Protanopia

58.0320, 57.9191, 97.7434

Deuteranopia

59.2515, 58.0997, 102.6992



Tritanopia

49.3305, 58.3930, 82.0698

Trichromacy



Original Color

53.4477, 58.2326, 103.0308

Protanomaly

56.2037, 57.9684, 99.4936

Deuteranomaly

56.8357, 57.8757, 102.7833

Tritanomaly

50.8108, 58.2580, 89.4558

Monochromacy



Original Color

53.4477, 58.2326, 103.0308

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.2347, 56.1421, 73.7291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4477, 58.2326, 103.0308 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(154, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 206, 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(154, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.4477, 58.2326, 103.0308 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(154, 206, 255) }
```


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

```
.border{ border-color:rgb(154, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4477, 58.2326, 103.0308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 206, 255) }
```

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

```
.background{ background-color: rgb(154,  
206, 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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