

Converting Colors

XYZ(53.9546, 59.0201, 93.7013)

Have a look what the booklet for
XYZ(53.9546, 59.0201, 93.7013)
contains.

XYZ(54.0075, 59.0960, 93.3542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0075, 59.0960,
93.3542)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CFF3
RGB	165, 207, 243
RGB Percent	65%, 81%, 95%
CMY	0.3529, 0.1882, 0.0471
CMYK	0.32, 0.15, 0.00, 0.05
HSL	208°, 76%, 80%
HSV	208°, 32%, 95%
XYZ	54.0075, 59.0960, 93.3542
YIQ	198.5460, -36.5880, 2.2920

Conversions

Conversions Part 2

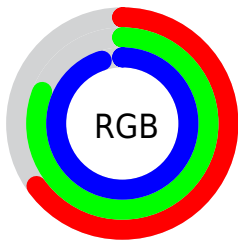
Format	Color
R _Y B	165, 192, 243
Decimal	10866675
CIE _{Lab}	81.34, -5.45, -22.17
CIE _{LCh}	81, 22.826, 256.180
Y _{xy}	59.0960, 0.2616, 0.2862
Android (android.graphics.Color)	4289056755 (0xFFA5CFF3)
YUV	198.5460, 21.9158, -29.4198
Hunter-Lab	76.8739, -9.1248, -18.1889

Details

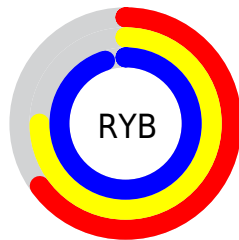
The XYZ color **54.0075, 59.0960, 93.3542** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.6413, 63.5454, 44.4575**, and the grayscale version is **53.8969, 56.7037, 61.7504**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **26.9164, 29.7498, 51.3374** is the 20% darker color. If you saturate the color by 10%, you get **46.8043, 51.4925, 92.2673**, and if you desaturate by 10%, it is **62.3677, 67.5852, 94.5532**.

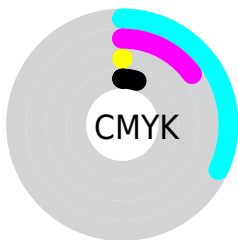
Distribution



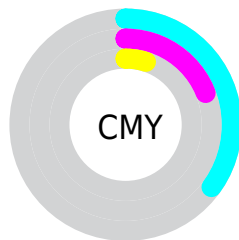
- Red (65%)
- Green (81%)
- Blue (95%)



- Red (65%)
- Yellow (75%)
- Blue (95%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0075, 59.0960, 93.3542 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 54.0075, 59.0960, 93.3542 by changing the saturation by 10% instead.

■ 54.0075, 59.0960,
93.3542

■ 54.0075, 59.0960,
93.3542

392.3365,
421.2576, 559.7318

■ 38.8384, 42.6904,
70.1766

■ 95.2421, 103.5172,
153.9648

■ 26.8142, 29.6423,
51.1929

■ 122.0382,
132.3015, 192.2350

■ 17.5696, 19.5672,
35.9843

153.4408,
165.9810, 236.3731

■ 10.7392, 12.0809,
24.1325

189.8150,
204.9398, 286.7977

■ 5.9578, 6.7988,
15.2188

231.5264,
249.5625, 343.9273

■ 2.8598, 3.3366,
8.8248

278.9402,

■ 1.0801, 1.3099,

300.2335, 408.1805

4.5318

332.4217,
357.3370, 479.9758

■ 0.0083, 0.1488,
1.9214

■ 0.0000, 0.0000,
0.5063

■ 54.0075, 59.0960,
93.3542

■ 54.0075, 59.0960,
93.3542

■ 46.8043, 51.4925,
92.2673

■ 62.3677, 67.5852,
94.5532

■ 40.6940, 44.7317,
91.2843

■ 71.9334, 76.9867,
95.8637

■ 35.6143, 38.7767,
90.4026

■ 82.7569, 87.3344,
97.2905

■ 31.4937, 33.5844,
89.6176

■ 92.1855, 97.2664,
98.7106

■ 28.2505, 29.1060,
88.9241

■ 93.1779, 99.2511,
99.0414

■ 25.7867, 25.2843,
88.3163

■ 24.2742, 22.6639,
87.8902

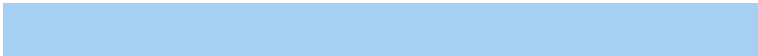
Harmonies

Analogous

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



50.0578, 59.0960, 85.2075



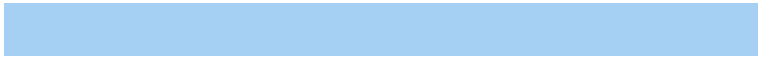
54.0075, 59.0960, 93.3542



58.7623, 59.0960, 92.9961

Triad

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



54.0075, 59.0960, 93.3542



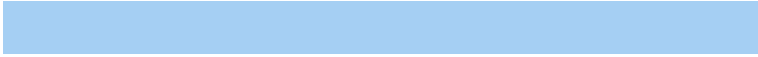
65.4409, 59.0960, 57.3037



49.8111, 59.0960, 47.8255

Complementary

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



54.0075, 59.0960, 93.3542



64.6413, 63.5454, 44.4575

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.



53.6531, 59.0960, 42.2816



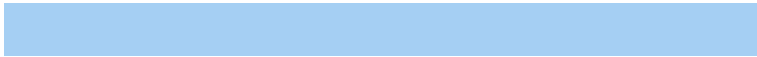
54.0075, 59.0960, 93.3542



62.7583, 59.0960, 47.2011

Square

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



54.0075, 59.0960, 93.3542



65.5491, 59.0960, 70.8229



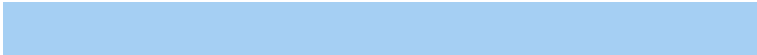
58.3874, 59.0960, 42.0705



47.7293, 59.0960, 58.2756

Rectangle

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



54.0075, 59.0960, 93.3542



61.7561, 59.0960, 87.9482



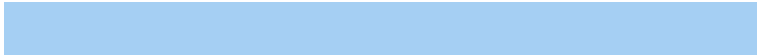
58.3874, 59.0960, 42.0705



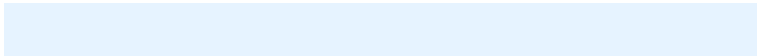
50.9294, 59.0960, 45.3955

Sweetspot

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



54.0094, 59.0983, 93.3556



82.6427, 88.2001, 107.2763



58.0060, 76.2766, 66.3720



17.3404, 18.5420, 22.9150



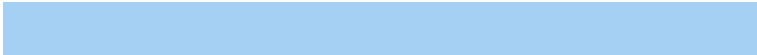
0.0000, 0.0000, 0.0000



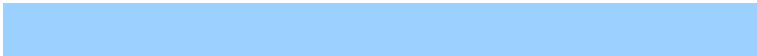
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0094, 59.0983, 93.3556



54.4989, 59.8941, 103.2961



45.8656, 42.8108, 90.6410



16.3203, 17.4050, 21.0419



13.4589, 12.7117, 48.2823



1.2857, 1.3228, 4.2778

Inverse Universe

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



61.6813, 50.4716, 65.5249



64.5743, 49.4947, 66.5378



74.6506, 83.5641, 47.7939



16.8723, 16.6318, 19.0740



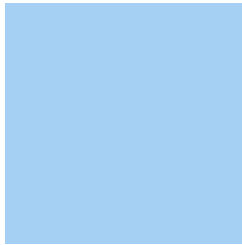
22.5980, 11.3826, 13.1232



2.0380, 1.0212, 1.4266

Previews

White Background



This preview shows how the XYZ color 54.0075, 59.0960, 93.3542 looks on a white background.

Color Contrast Check

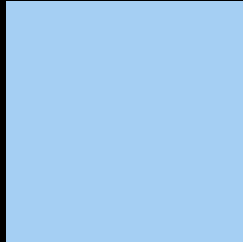
Large Text (above 18pt) WCAG AA × Fail

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 54.0075, 59.0960, 93.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

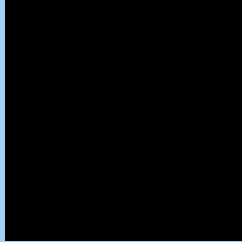
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0075, 59.0960, 93.3542

Background



This preview shows how black text looks on a background with the XYZ color 54.0075, 59.0960, 93.3542.

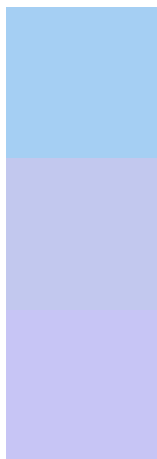


This preview shows how white text looks on a background with the XYZ color 54.0075, 59.0960,

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

54.0075, 59.0960, 93.3542

Protanopia

58.3350, 58.9509, 89.1930

Deuteranopia

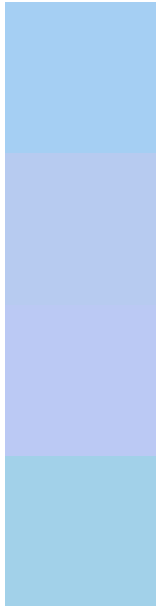
60.0009, 58.6672, 94.5477



Tritanopia

51.6097, 59.2163, 81.3828

Trichromacy



Original Color

54.0075, 59.0960, 93.3542

Protanomaly

56.6126, 59.0704, 90.8560

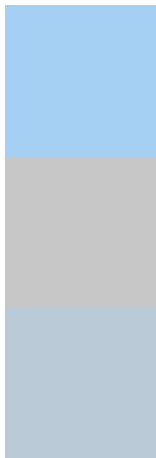
Deuteranomaly

57.7093, 58.8697, 93.9093

Tritanomaly

52.4087, 59.1655, 85.7486

Monochromacy



Original Color

54.0075, 59.0960, 93.3542

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8798, 57.7122, 72.5898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0075, 59.0960, 93.3542 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(165, 207, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 207, 243)  
}
```

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(165, 207, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 207, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.0075, 59.0960, 93.3542 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(165, 207, 243) }
```


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

```
.border{ border-color:rgb(165, 207, 243) }
```

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

Here you see how a box with a 4 pixel rgb(165, 207, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 207, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 207, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 207,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0075, 59.0960, 93.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 207, 243) }
```

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

```
.background{ background-color: rgb(165,  
207, 243) }
```

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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