

Converting Colors

XYZ(53.6022, 59.1945,
101.0715)

Have a look what the booklet for
XYZ(53.6022, 59.1945, 101.0715)
contains.

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Color

**XYZ(53.4530, 59.0101,
100.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD0FC
RGB	154, 208, 252
RGB Percent	60%, 82%, 99%
CMY	0.3961, 0.1843, 0.0118
CMYK	0.39, 0.17, 0.00, 0.01
HSL	207°, 94%, 80%
HSV	207°, 39%, 99%
XYZ	53.4530, 59.0101, 100.6683
YIQ	196.8700, -46.3080, 2.2360

Conversions

Conversions Part 2

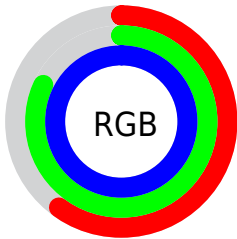
Format	Color
RYB	154, 189, 252
Decimal	10146044
CIELab	81.30, -6.67, -27.08
CIELCh	81, 27.894, 256.162
Yxy	59.0101, 0.2508, 0.2769
Android (android.graphics.Color)	4288336124 (0xFF9AD0FC)
YUV	196.8700, 27.1791, -37.5970
Hunter-Lab	76.8180, -10.2243, -23.9256

Details

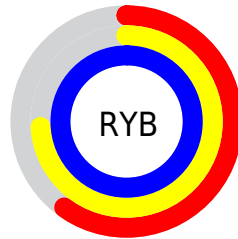
The XYZ color **53.4530, 59.0101, 100.6683** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.1729, 63.4179, 39.3269**, and the grayscale version is **52.8554, 55.6080, 60.5571**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **26.4429, 29.6480, 55.9587** is the 20% darker color. If you saturate the color by 10%, you get **46.4903, 51.4719, 99.5813**, and if you desaturate by 10%, it is **61.6231, 67.4654, 101.8708**.

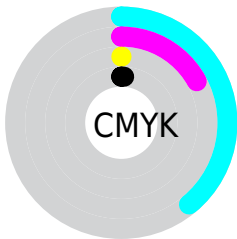
Distribution



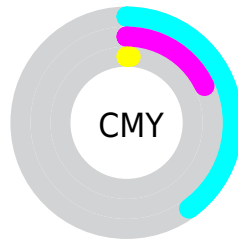
- Red (60%)
- Green (82%)
- Blue (99%)



- Red (60%)
- Yellow (74%)
- Blue (99%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4530, 59.0101, 100.6683 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 53.4530, 59.0101, 100.6683 by changing the saturation by 10% instead.

■ 53.4530, 59.0101,
100.6683

■ 53.4530, 59.0101,
100.6683

390.2532,
420.9393, 583.5982

■ 38.3934, 42.6213,
76.2388

■ 94.4322, 103.3923,
164.1352

■ 26.4668, 29.5881,
56.1205

■ 121.0826,
132.1545, 204.0096

■ 17.3077, 19.5261,
39.8949

152.3273,
165.8099, 249.8694

■ 10.5508, 12.0511,
27.1435

188.5317,
204.7430, 302.1331

■ 5.8307, 6.7785,
17.4476

230.0611,
249.3381, 361.2193

■ 2.7821, 3.3239,
10.3888

277.2809,

■ 1.0396, 1.3031,

299.9795, 427.5465

5.5485

330.5565,
357.0518, 501.5333

■ 0.0000, 0.1436,
2.5083

■ 0.0000, 0.0000,
0.8445

■ 53.4530, 59.0101,
100.6683

■ 53.4530, 59.0101,
100.6683

■ 46.4903, 51.4719,
99.5813

■ 61.6231, 67.4654,
101.8708

■ 40.6616, 44.8031,
98.6013

■ 71.0567, 76.8689,
103.1886

■ 35.8939, 38.9611,
97.7250

■ 81.8133, 87.2581,
104.6270

■ 32.1022, 33.8956,
96.9471

■ 93.9465, 98.6661,
106.1895

■ 29.1864, 29.5483,
96.2616

94.5709, 99.8084,
106.3771

■ 27.0015, 25.8375,
95.6605

■ 26.7834, 25.4533,
95.5979

Harmonies

Analogous

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



48.6875, 59.0101, 90.2546



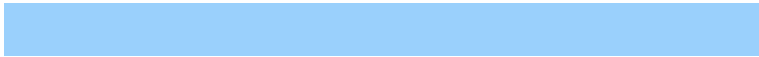
53.4530, 59.0101, 100.6683



59.2606, 59.0101, 100.2150

Triad

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



53.4530, 59.0101, 100.6683



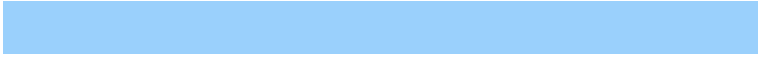
67.5378, 59.0101, 55.7367



48.3960, 59.0101, 44.5111

Complementary

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



53.4530, 59.0101, 100.6683



66.1729, 63.4179, 39.3269

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.



53.0294, 59.0101, 38.1221



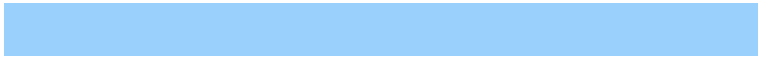
53.4530, 59.0101, 100.6683



64.2013, 59.0101, 43.7951

Square

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



53.4530, 59.0101, 100.6683



67.6709, 59.0101, 72.2267



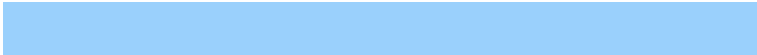
58.8068, 59.0101, 37.8850



45.9074, 59.0101, 56.8870

Rectangle

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



53.4530, 59.0101, 100.6683



62.9537, 59.0101, 93.7580



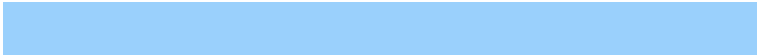
58.8068, 59.0101, 37.8850



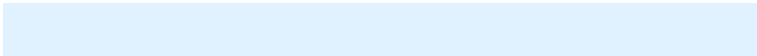
49.7393, 59.0101, 41.6936

Sweetspot

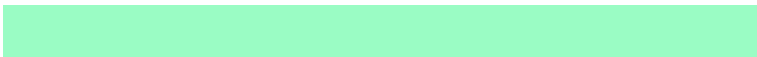
The Sweet Spot groups the original color and five complimentary colors.



53.4549, 59.0124, 100.6697



80.4474, 86.1969, 107.0054



58.1554, 80.4990, 64.9780



16.9052, 18.1476, 22.8618



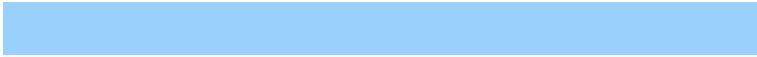
0.0000, 0.0000, 0.0000



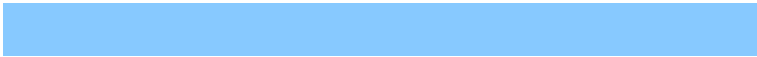
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4549, 59.0124, 100.6697



48.9971, 54.2458, 102.4958



43.5623, 39.2271, 97.3721



17.0760, 18.2288, 22.0038



14.1010, 13.5577, 49.8472



1.4118, 1.4674, 4.6520

Inverse Universe

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



63.0873, 48.3625, 65.6868



60.4900, 42.8559, 60.4602



78.7727, 88.6174, 43.5268



17.6449, 17.3853, 19.9858



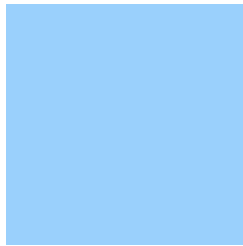
23.4096, 11.7796, 14.1312



2.2216, 1.1124, 1.5901

Previews

White Background



This preview shows how the XYZ color 53.4530, 59.0101, 100.6683 looks on a white background.

Color Contrast Check

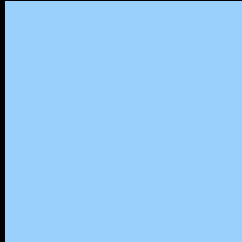
Large Text (above 18pt) WCAG AA × Fail

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 53.4530, 59.0101, 100.6683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

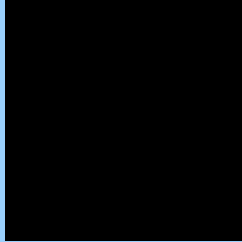
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

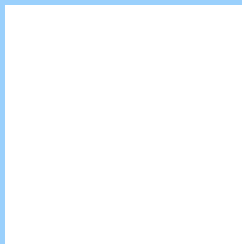
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4530, 59.0101, 100.6683

Background



This preview shows how black text looks on a background with the XYZ color 53.4530, 59.0101, 100.6683.



This preview shows how white text looks on a background with the XYZ color 53.4530, 59.0101,

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

53.4530, 59.0101, 100.6683

Protanopia

58.5438, 58.5770, 95.4097

Deuteranopia

59.8480, 58.4257, 101.8889



Tritanopia

49.8991, 59.0400, 82.8946

Trichromacy



Original Color

53.4530, 59.0101, 100.6683

Protanomaly

56.4239, 58.4833, 97.1215

Deuteranomaly

57.2067, 58.4488, 101.1951

Tritanomaly

51.1580, 59.1870, 88.8487

Monochromacy



Original Color

53.4530, 59.0101, 100.6683

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4671, 56.6068, 73.8065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4530, 59.0101, 100.6683 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, 208, 252)` looks like.

```
.text, #text, p{  
    color:rgb(154, 208, 252)  
}
```

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, 208, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 208, 252) }
```

Border

The CSS property to change the border of an element to XYZ 53.4530, 59.0101, 100.6683 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, 208, 252) }
```


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

```
.border{ border-color:rgb(154, 208, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 208, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 208, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 208, 252);  
box-shadow:4px 4px 4px 4px rgb(154, 208,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4530, 59.0101, 100.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 208, 252) }
```

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

```
.background{ background-color: rgb(154,  
208, 252) }
```

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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