

Converting Colors

XYZ(54.8433, 59.7965, 97.0362)

Have a look what the booklet for
XYZ(54.8433, 59.7965, 97.0362)
contains.

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Color

**XYZ(54.8614, 59.8265,
96.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D0F7
RGB	165, 208, 247
RGB Percent	65%, 82%, 97%
CMY	0.3529, 0.1843, 0.0314
CMYK	0.33, 0.16, 0.00, 0.03
HSL	209°, 84%, 81%
HSV	209°, 33%, 97%
XYZ	54.8614, 59.8265, 96.6518
YIQ	199.5890, -38.1470, 3.0130

Conversions

Conversions Part 2

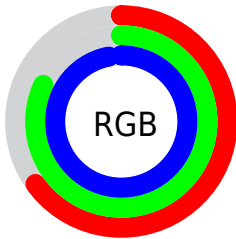
Format	Color
RYB	165, 193, 247
Decimal	10866935
CIELab	81.74, -5.00, -23.69
CIELCh	82, 24.211, 258.073
Yxy	59.8265, 0.2596, 0.2831
Android (android.graphics.Color)	4289057015 (0xFFA5D0F7)
YUV	199.5890, 23.3736, -30.3346
Hunter-Lab	77.3476, -8.7511, -19.9441

Details

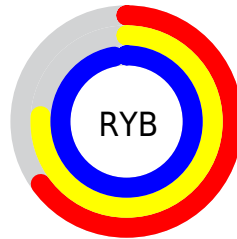
The XYZ color **54.8614, 59.8265, 96.6518** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7431, 65.6772, 44.7582**, and the grayscale version is **54.5264, 57.3660, 62.4716**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **27.3900, 30.1878, 53.6734** is the 20% darker color. If you saturate the color by 10%, you get **47.4530, 51.9131, 95.5159**, and if you desaturate by 10%, it is **63.4778, 68.6803, 97.9077**.

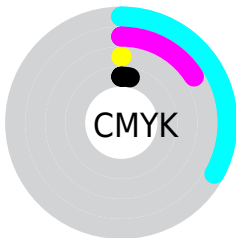
Distribution



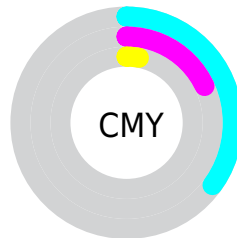
- Red (65%)
- Green (82%)
- Blue (97%)



- Red (65%)
- Yellow (76%)
- Blue (97%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8614, 59.8265, 96.6518 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 54.8614, 59.8265, 96.6518 by changing the saturation by 10% instead.

■ 54.8614, 59.8265,
96.6518

■ 54.8614, 59.8265,
96.6518

395.5313,
423.9580, 570.5585

■ 39.5242, 43.2788,
72.9061

■ 96.4874, 104.5779,
158.5598

■ 27.3503, 30.1039,
53.4078

■ 123.5068,
133.5505, 197.5592

■ 17.9744, 19.9175,
37.7385

155.1510,
167.4334, 242.4802

■ 11.0312, 12.3351,
25.4795

191.7854,
206.6112, 293.7413

■ 6.1553, 6.9723,
16.2124

233.7752,
251.4681, 351.7612

■ 2.9813, 3.4448,
9.5186

281.4859,

■ 1.1439, 1.3681,

302.3886, 416.9583

4.9796

335.2828,
359.7571, 489.7513

■ 0.0613, 0.1930,
2.1767

■ 0.0000, 0.0000,
0.6609

■ 54.8614, 59.8265,
96.6518

■ 54.8614, 59.8265,
96.6518

■ 47.4530, 51.9131,
95.5159

■ 63.4778, 68.6803,
97.9077

■ 41.1851, 44.8945,
94.4915

■ 73.3538, 78.5035,
99.2832

■ 35.9916, 38.7308,
93.5755

■ 84.5444, 89.3324,
100.7836

■ 31.7967, 33.3759,
92.7630

■ 93.7863, 99.4907,
102.2572

■ 28.5133, 28.7772,
92.0484

■ 93.7887, 99.4955,
102.2580

■ 26.0363, 24.8727,
91.4253

■ 24.7089, 22.5560,
91.0481

Harmonies

Analogous

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



50.5615, 59.8265, 88.3409



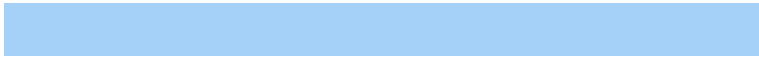
54.8614, 59.8265, 96.6518



59.9591, 59.8265, 95.6417

Triad

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



54.8614, 59.8265, 96.6518



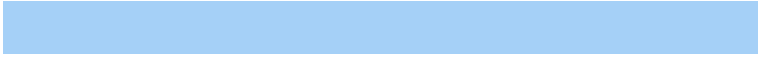
66.7010, 59.8265, 56.8134



49.8772, 59.8265, 48.1249

Complementary

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



54.8614, 59.8265, 96.6518



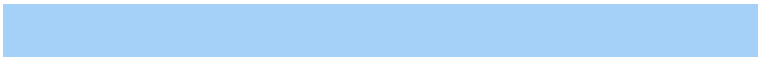
66.7431, 65.6772, 44.7582

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.



53.8760, 59.8265, 41.9303



54.8614, 59.8265, 96.6518



63.6681, 59.8265, 46.4061

Square

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



54.8614, 59.8265, 96.6518



67.0040, 59.8265, 71.1167



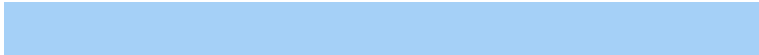
58.9133, 59.8265, 41.3521



47.8011, 59.8265, 59.5095

Rectangle

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



54.8614, 59.8265, 96.6518



63.1253, 59.8265, 89.8358



58.9133, 59.8265, 41.3521



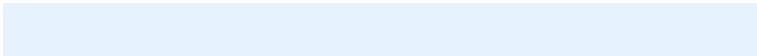
51.0298, 59.8265, 45.4450

Sweetspot

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



54.8633, 59.8288, 96.6532



82.5353, 87.9853, 107.2405



59.5905, 78.8466, 68.7464



17.3144, 18.4900, 22.9063



0.0000, 0.0000, 0.0000



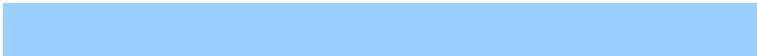
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8633, 59.8288, 96.6532



53.3763, 58.3711, 103.0613



46.2605, 42.6233, 93.7856



16.3003, 17.3650, 21.0352



13.2110, 12.2158, 48.1996



1.2640, 1.2795, 4.2706

Inverse Universe

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



63.1996, 51.2402, 66.2364



63.8314, 48.5225, 64.7065



77.5814, 87.3539, 48.3710



16.8622, 16.6277, 19.0208



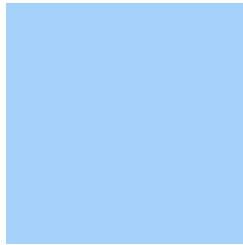
22.4728, 11.3326, 12.4641



2.0271, 1.0168, 1.3690

Previews

White Background



This preview shows how the XYZ color 54.8614, 59.8265, 96.6518 looks on a white background.

Color Contrast Check

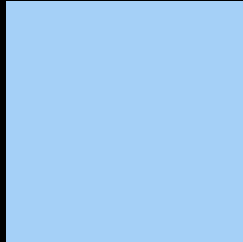
Large Text (above 18pt) WCAG AA × Fail

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 54.8614, 59.8265, 96.6518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

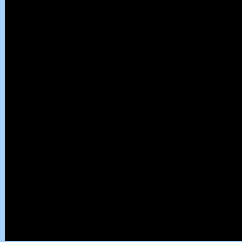
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

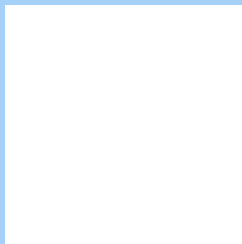
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8614, 59.8265, 96.6518

Background



This preview shows how black text looks on a background with the XYZ color 54.8614, 59.8265, 96.6518.



This preview shows how white text looks on a background with the XYZ color 54.8614, 59.8265,

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

54.8614, 59.8265, 96.6518

Protanopia

59.1618, 59.6534, 92.4005

Deuteranopia

60.8462, 59.3698, 97.8751



Tritanopia

51.9958, 59.7670, 82.1945

Trichromacy



Original Color

54.8614, 59.8265, 96.6518

Protanomaly

57.4504, 59.7847, 94.0996

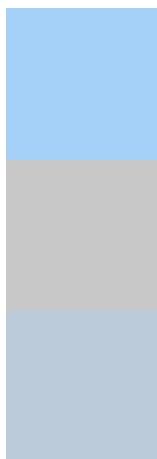
Deuteranomaly

58.5573, 59.5832, 97.2213

Tritanomaly

52.9423, 59.7727, 87.3442

Monochromacy



Original Color

54.8614, 59.8265, 96.6518

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3738, 58.2864, 74.0302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8614, 59.8265, 96.6518 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, 208, 247)` looks like.

```
.text, #text, p{  
    color:rgb(165, 208, 247)  
}
```

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, 208, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 208, 247) }
```

Border

The CSS property to change the border of an element to XYZ 54.8614, 59.8265, 96.6518 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, 208, 247) }
```


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

```
.border{ border-color:rgb(165, 208, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 208, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 208, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 208, 247);  
box-shadow:4px 4px 4px 4px rgb(165, 208,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8614, 59.8265, 96.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 208, 247) }
```

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

```
.background{ background-color: rgb(165,  
208, 247) }
```

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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