

Converting Colors

XYZ(59.9067, 67.9005,
104.5696)

Have a look what the booklet for
XYZ(59.9067, 67.9005, 104.5696)
contains.

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Color

**XYZ(59.9547, 67.9947,
104.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DFFF
RGB	165, 223, 255
RGB Percent	65%, 87%, 100%
CMY	0.3529, 0.1255, 0.0000
CMYK	0.35, 0.13, 0.00, 0.00
HSL	201°, 100%, 82%
HSV	201°, 35%, 100%
XYZ	59.9547, 67.9947, 104.5721
YIQ	209.3060, -44.8400, -2.3440

Conversions

Conversions Part 2

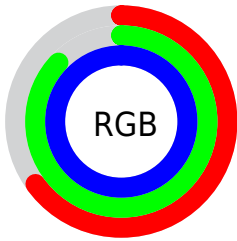
Format	Color
R_{YB}	165, 200, 255
Decimal	10870783
CIE _{Lab}	86.00, -10.86, -21.46
CIE _{LCh}	86, 24.049, 243.151
Yxy	67.9947, 0.2578, 0.2924
Android (android.graphics.Color)	4289060863 (0xFFA5DFFF)
YUV	209.3060, 22.5271, -38.8564
Hunter-Lab	82.4589, -14.5182, -17.4687

Details

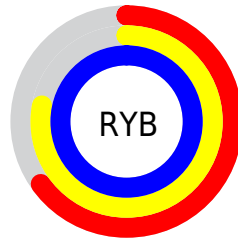
The XYZ color **59.9547, 67.9947, 104.5721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.9980, 63.9091, 44.3509**, and the grayscale version is **60.6842, 63.8445, 69.5266**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **30.6261, 35.3975, 58.6443** is the 20% darker color. If you saturate the color by 10%, you get **52.8127, 60.8143, 103.5625**, and if you desaturate by 10%, it is **68.2876, 75.9848, 105.6751**.

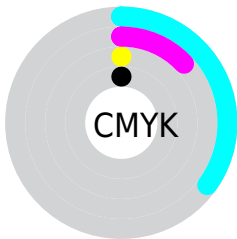
Distribution



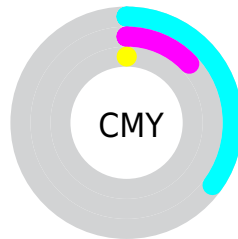
- Red (65%)
- Green (87%)
- Blue (100%)



- Red (65%)
- Yellow (78%)
- Blue (100%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9547, 67.9947, 104.5721 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 59.9547, 67.9947, 104.5721 by changing the saturation by 10% instead.

■ 59.9547, 67.9947,
104.5721

■ 59.9547, 67.9947,
104.5721

414.2682,
453.4772, 596.1253

■ 43.6314, 49.8934,
79.4863

■ 103.8707,
116.3446, 169.5327

■ 30.5775, 35.3287,
58.7720

■ 132.1941,
147.3619, 210.2446

■ 20.4276, 23.9162,
42.0108

165.2483,
183.4535, 257.0021

■ 12.8163, 15.2715,
28.7841

203.3986,
225.0035, 310.2240

■ 7.3783, 9.0101,
18.6734

247.0104,
272.3966, 370.3288

■ 3.7482, 4.7478,
11.2601

296.4490,

■ 1.5607, 2.1001,

326.0169, 437.7348

6.1257

352.0798,
386.2490, 512.8609

■ 0.3666, 0.6647,
2.8516

■ 0.0000, 0.0000,
1.0194

■ 59.9547, 67.9947,
104.5721

■ 59.9547, 67.9947,
104.5721

■ 52.8127, 60.8143,
103.5625

■ 68.2876, 75.9848,
105.6751

■ 46.7907, 54.3992,
102.6417

■ 77.8655, 84.8106,
106.8739

■ 41.8186, 48.7120,
101.8060

■ 88.7462, 94.5062,
108.1718

■ 37.8155, 43.7075,
101.0511

95.0500, 100.0000,
108.9000

■ 34.6869, 39.3342,
100.3718

■ 32.3170, 35.5288,
99.7622

■ 31.3866, 33.8932,
99.4955

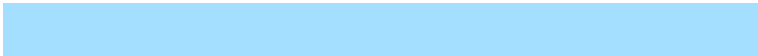
Harmonies

Analogous

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



56.1487, 67.9947, 91.9158



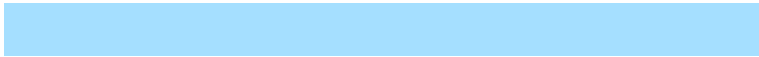
59.9547, 67.9947, 104.5721



65.2116, 67.9947, 108.6889

Triad

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



59.9547, 67.9947, 104.5721



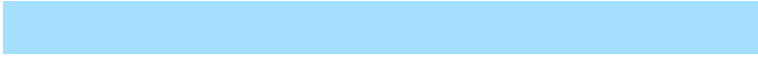
75.8045, 67.9947, 72.3779



58.9995, 67.9947, 51.4069

Complementary

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



59.9547, 67.9947, 104.5721



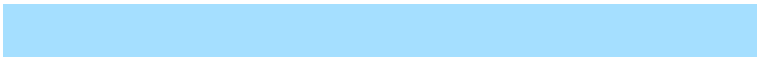
67.9980, 63.9091, 44.3509

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.



64.0458, 67.9947, 47.6615



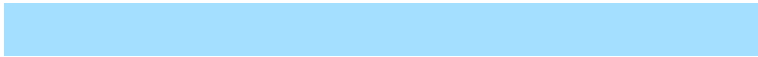
59.9547, 67.9947, 104.5721



73.9184, 67.9947, 58.6373

Square

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



59.9547, 67.9947, 104.5721



74.5577, 67.9947, 88.6162



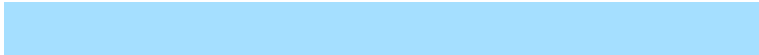
69.5358, 67.9947, 50.1090



55.6196, 67.9947, 61.1474

Rectangle

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



59.9547, 67.9947, 104.5721



68.8865, 67.9947, 105.6184



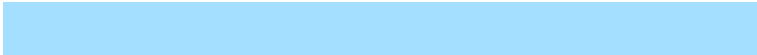
69.5358, 67.9947, 50.1090



60.5467, 67.9947, 49.4731

Sweetspot

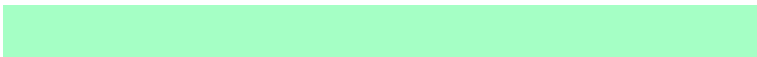
The Sweet Spot groups the original color and five complimentary colors.



59.9566, 67.9973, 104.5725



82.3735, 88.8642, 107.4187



61.2989, 83.5282, 65.4167



17.3209, 18.7428, 22.9548



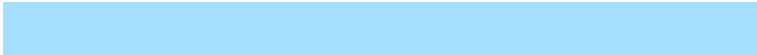
0.0000, 0.0000, 0.0000



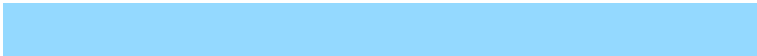
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9566, 67.9973, 104.5725



55.0377, 63.0927, 103.8851



49.5885, 47.2611, 101.1165



17.9797, 19.3310, 23.0336



16.5463, 18.0021, 52.0373



1.7142, 1.9591, 5.1011

Inverse Universe

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



68.0156, 53.4995, 76.5566



64.3286, 47.4142, 71.3547



79.6355, 87.1841, 48.2301



18.5024, 18.1843, 21.2628



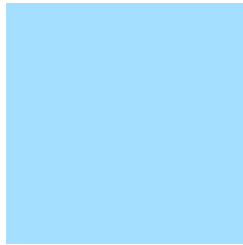
25.1400, 12.5453, 19.9194



2.4999, 1.2423, 2.2137

Previews

White Background



This preview shows how the XYZ color 59.9547, 67.9947, 104.5721 looks on a white background.

Color Contrast Check

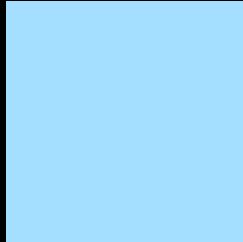
Large Text (above 18pt) WCAG AA × Fail

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 59.9547, 67.9947, 104.5721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

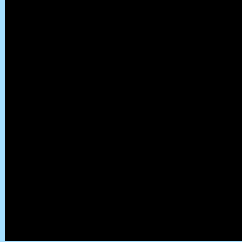
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

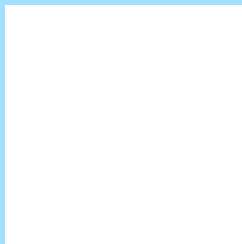
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9547, 67.9947, 104.5721

Background



This preview shows how black text looks on a background with the XYZ color 59.9547, 67.9947, 104.5721.



This preview shows how white text looks on a background with the XYZ color 59.9547, 67.9947,

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

59.9547, 67.9947, 104.5721

Protanopia

66.7500, 67.7757, 98.3709

Deuteranopia

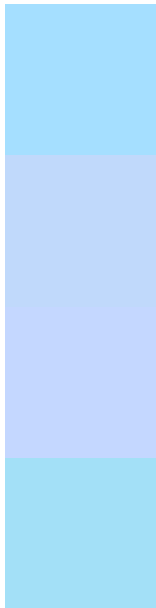
68.8281, 67.6093, 104.0300



Tritanopia

58.0032, 68.0029, 94.8628

Trichromacy



Original Color

59.9547, 67.9947, 104.5721

Protanomaly

63.9637, 67.7972, 100.9817

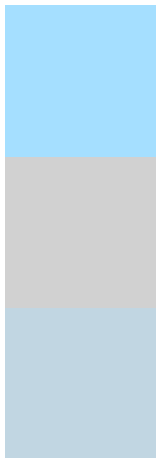
Deuteranomaly

65.1154, 67.5566, 104.2155

Tritanomaly

58.5484, 67.8132, 97.9991

Monochromacy



Original Color

59.9547, 67.9947, 104.5721

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7664, 64.9216, 81.3326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9547, 67.9947, 104.5721 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, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 223, 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(165, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.9547, 67.9947, 104.5721 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, 223, 255) }
```


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

```
.border{ border-color:rgb(165, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9547, 67.9947, 104.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 223, 255) }
```

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

```
.background{ background-color: rgb(165,  
223, 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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