

Converting Colors

XYZ(59.2533, 64.7440,
103.9814)

Have a look what the booklet for
XYZ(59.2533, 64.7440, 103.9814)
contains.

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Color

**XYZ(59.4005, 64.9897,
104.0213)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD8FF
RGB	171, 216, 255
RGB Percent	67%, 85%, 100%
CMY	0.3294, 0.1529, 0.0000
CMYK	0.33, 0.15, 0.00, 0.00
HSL	208°, 100%, 84%
HSV	208°, 33%, 100%
XYZ	59.4005, 64.9897, 104.0213
YIQ	206.9910, -39.3390, 2.5890

Conversions

Conversions Part 2

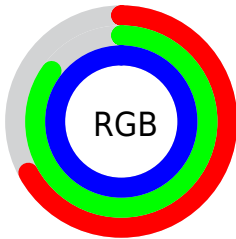
Format	Color
R_{YB}	171, 200, 255
Decimal	11262207
CIE _{Lab}	84.48, -5.61, -23.74
CIE _{LCh}	84, 24.394, 256.699
Yxy	64.9897, 0.2601, 0.2845
Android (android.graphics.Color)	4289452287 (0xFFABD8FF)
YUV	206.9910, 23.6684, -31.5641
Hunter-Lab	80.6162, -9.5540, -20.0722

Details

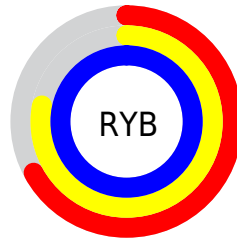
The XYZ color **59.4005, 64.9897, 104.0213** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.6376, 70.2935, 48.3223**, and the grayscale version is **59.1746, 62.2563, 67.7971**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.1404, 33.2800, 58.2612** is the 20% darker color. If you saturate the color by 10%, you get **51.4483, 56.5500, 102.8114**, and if you desaturate by 10%, it is **68.6464, 74.4237, 105.3549**.

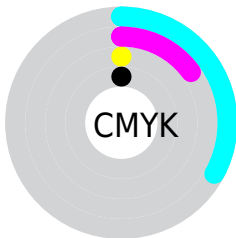
Distribution



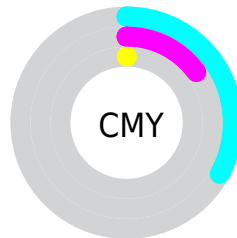
- Red (67%)
- Green (85%)
- Blue (100%)



- Red (67%)
- Yellow (78%)
- Blue (100%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4005, 64.9897, 104.0213 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 59.4005, 64.9897, 104.0213 by changing the saturation by 10% instead.

■ 59.4005, 64.9897,
104.0213

■ 59.4005, 64.9897,
104.0213

412.2547,
442.7550, 594.3663

■ 43.1832, 47.4527,
79.0276

■ 103.0708,
112.0351, 168.7724

■ 30.2240, 33.3937,
58.3970

131.2546,
142.3122, 209.3668

■ 20.1576, 22.4282,
41.7111

164.1579,
177.6049, 255.9986

■ 12.6186, 14.1719,
28.5513

202.1460,
218.2975, 309.0862

■ 7.2416, 8.2403,
18.4990

245.5845,
264.7744, 369.0483

■ 3.6613, 4.2491,
11.1357

294.8385,

■ 1.5124, 1.8139,

317.4200, 436.3033

6.0429

350.2734,
376.6187, 511.2698

■ 0.3342, 0.4958,
2.8019

■ 0.0000, 0.0000,
0.9944

■ 59.4005, 64.9897,
104.0213

■ 59.4005, 64.9897,
104.0213

■ 51.4483, 56.5500,
102.8114

■ 68.6464, 74.4237,
105.3549

■ 44.7177, 49.0563,
101.7197

■ 79.2417, 84.8829,
106.8153

■ 39.1379, 42.4664,
100.7418

■ 91.2455, 96.4055,
108.4067

■ 34.6274, 36.7311,
99.8725

95.0500, 100.0000,
108.9000

■ 31.0925, 31.7946,
99.1060

■ 28.4207, 27.5910,
98.4354

■ 26.9409, 25.0017,
98.0136

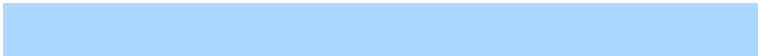
Harmonies

Analogous

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



54.8854, 64.9897, 94.8225



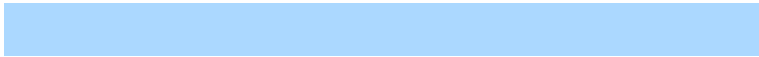
59.4005, 64.9897, 104.0213



64.8188, 64.9897, 103.4292

Triad

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



59.4005, 64.9897, 104.0213



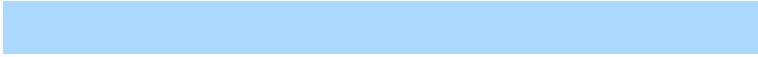
72.3170, 64.9897, 62.5161



54.4819, 64.9897, 52.1780

Complementary

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



59.4005, 64.9897, 104.0213



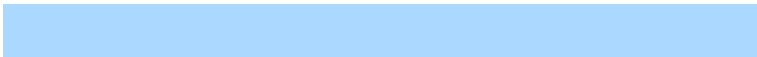
71.6376, 70.2935, 48.3223

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.



58.8198, 64.9897, 45.8193



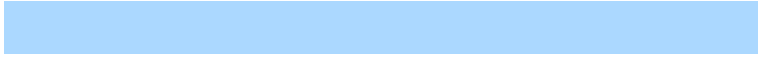
59.4005, 64.9897, 104.0213



69.2091, 64.9897, 51.1615

Square

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



59.4005, 64.9897, 104.0213



72.4951, 64.9897, 77.8649



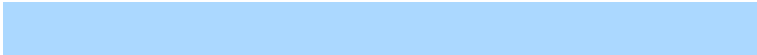
64.2032, 64.9897, 45.4767



52.1599, 64.9897, 64.1061

Rectangle

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



59.4005, 64.9897, 104.0213



68.2206, 64.9897, 97.5373



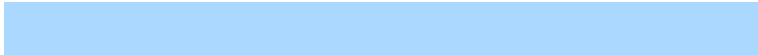
64.2032, 64.9897, 45.4767



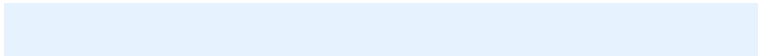
55.7408, 64.9897, 49.3998

Sweetspot

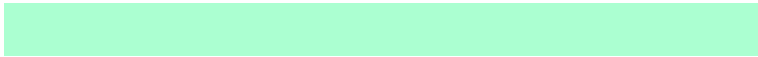
The Sweet Spot groups the original color and five complimentary colors.



59.4023, 64.9922, 104.0216



82.6218, 88.1582, 107.2693



64.0396, 84.7720, 73.1806



17.3353, 18.5319, 22.9133



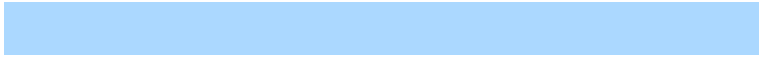
0.0000, 0.0000, 0.0000



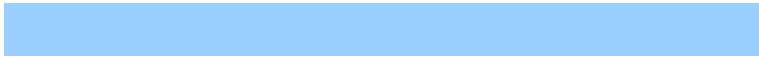
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4023, 64.9922, 104.0216



53.6564, 58.9314, 103.1546



50.2151, 46.6177, 100.9592



17.8090, 18.9896, 22.9767



14.2283, 13.3661, 51.2646



1.4947, 1.5202, 5.0279

Inverse Universe

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



68.1988, 55.3454, 72.0567



63.9728, 48.5791, 65.4511



83.0259, 93.0700, 52.1184



18.4162, 18.1498, 20.8091



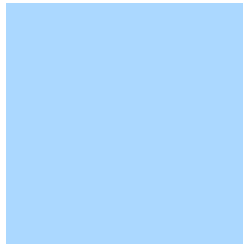
23.9700, 12.0773, 13.7582



2.3891, 1.1980, 1.6303

Previews

White Background



This preview shows how the XYZ color 59.4005, 64.9897, 104.0213 looks on a white background.

Color Contrast Check

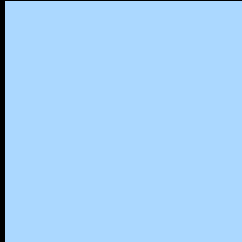
Large Text (above 18pt) WCAG AA × Fail

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 59.4005, 64.9897, 104.0213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

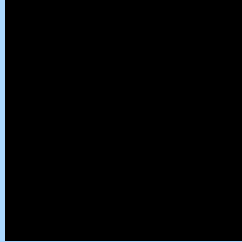
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

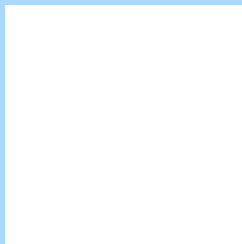
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4005, 64.9897, 104.0213

Background



This preview shows how black text looks on a background with the XYZ color 59.4005, 64.9897, 104.0213.



This preview shows how white text looks on a background with the XYZ color 59.4005, 64.9897,

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

59.4005, 64.9897, 104.0213

Protanopia

64.1683, 64.5704, 99.5238

Deuteranopia

65.8534, 64.6280, 103.6113



Tritanopia

56.5539, 64.9930, 89.6849

Trichromacy



Original Color

59.4005, 64.9897, 104.0213

Protanomaly

62.3508, 64.6932, 101.2963

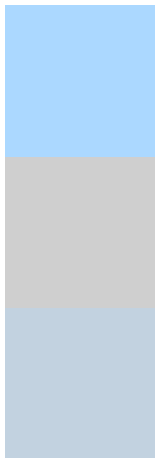
Deuteranomaly

63.3447, 64.7825, 103.7734

Tritanomaly

57.5490, 64.9993, 95.1009

Monochromacy



Original Color

59.4005, 64.9897, 104.0213

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7493, 62.9443, 79.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4005, 64.9897, 104.0213 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(171, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 216, 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(171, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4005, 64.9897, 104.0213 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(171, 216, 255) }
```


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

```
.border{ border-color:rgb(171, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4005, 64.9897, 104.0213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 216, 255) }
```

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

```
.background{ background-color: rgb(171,  
216, 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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