

Converting Colors

XYZ(58.5302, 66.2908,
104.3183)

Have a look what the booklet for
XYZ(58.5302, 66.2908, 104.3183)
contains.

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Color

**XYZ(58.6044, 66.5100,
104.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	A1DDFF
RGB	161, 221, 255
RGB Percent	63%, 87%, 100%
CMY	0.3686, 0.1333, 0.0000
CMYK	0.37, 0.13, 0.00, 0.00
HSL	202°, 100%, 82%
HSV	202°, 37%, 100%
XYZ	58.6044, 66.5100, 104.3567
YIQ	206.9360, -46.6740, -2.1460

Conversions

Conversions Part 2

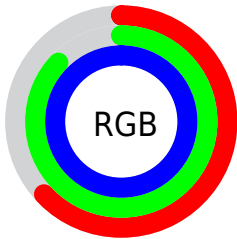
Format	Color
R _Y B	161, 198, 255
Decimal	10608127
CIE Lab	85.26, -10.88, -22.61
CIE LCh	85, 25.092, 244.300
Yxy	66.5100, 0.2554, 0.2898
Android (android.graphics.Color)	4288798207 (0xFFA1DDFF)
YUV	206.9360, 23.6956, -40.2859
Hunter-Lab	81.5537, -14.4489, -18.7804

Details

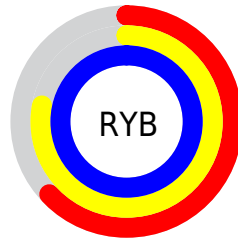
The XYZ color **58.6044, 66.5100, 104.3567** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.1885, 62.8636, 42.3128**, and the grayscale version is **59.1424, 62.2224, 67.7602**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **29.6550, 34.3529, 58.4939** is the 20% darker color. If you saturate the color by 10%, you get **51.6118, 59.3905, 103.3510**, and if you desaturate by 10%, it is **66.7823, 74.4422, 105.4567**.

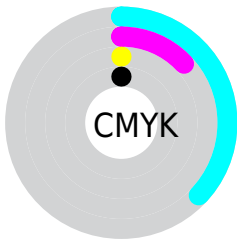
Distribution



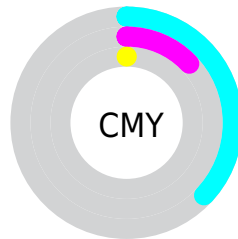
- Red (63%)
- Green (87%)
- Blue (100%)



- Red (63%)
- Yellow (78%)
- Blue (100%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6044, 66.5100, 104.3567 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 58.6044, 66.5100, 104.3567 by changing the saturation by 10% instead.

■ 58.6044, 66.5100,
104.3567

■ 58.6044, 66.5100,
104.3567

409.3520,
448.1986, 595.4377

■ 42.5399, 48.6865,
79.3069

■ 101.9204,
114.2180, 169.2354

■ 29.7172, 34.3709,
58.6253

■ 129.9026,
144.8713, 209.9014

■ 19.7711, 23.1787,
41.8936

162.5881,
180.5701, 256.6098

■ 12.3360, 14.7255,
28.6930

200.3422,
221.6986, 309.7792

■ 7.0468, 8.6270,
18.6051

243.5303,
268.6413, 369.8282

■ 3.5380, 4.4987,
11.2114

292.5177,

■ 1.4442, 1.9562,

321.7826, 437.1752

6.0932

347.6698,
381.5069, 512.2389

■ 0.2874, 0.5819,
2.8322

■ 0.0000, 0.0000,
1.0096

■ 58.6044, 66.5100,
104.3567

■ 58.6044, 66.5100,
104.3567

■ 51.6118, 59.3905,
103.3510

■ 66.7823, 74.4422,
105.4567

■ 45.7327, 53.0389,
102.4349

■ 76.2008, 83.2141,
106.6535

■ 40.8957, 47.4167,
101.6047

■ 86.9180, 92.8603,
107.9505

■ 37.0179, 42.4779,
100.8558

95.0500, 100.0000,
108.9000

■ 34.0021, 38.1690,
100.1830

■ 31.7261, 34.4234,
99.5800

■ 31.1069, 33.3338,
99.4023

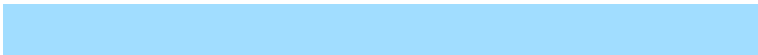
Harmonies

Analogous

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



54.6296, 66.5100, 91.4787



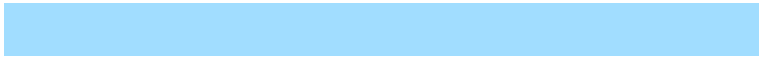
58.6044, 66.5100, 104.3567



64.0368, 66.5100, 108.2324

Triad

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



58.6044, 66.5100, 104.3567



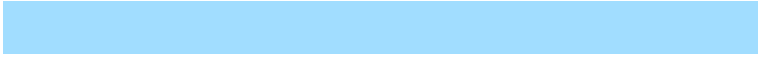
74.7236, 66.5100, 70.1018



57.2684, 66.5100, 49.5640

Complementary

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



58.6044, 66.5100, 104.3567



67.1885, 62.8636, 42.3128

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.



62.4017, 66.5100, 45.5296



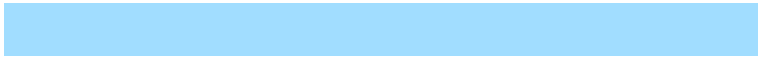
58.6044, 66.5100, 104.3567



72.6575, 66.5100, 56.2081

Square

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



58.6044, 66.5100, 104.3567



73.5582, 66.5100, 86.8210



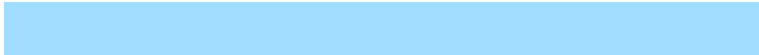
68.0629, 66.5100, 47.7677



53.8912, 66.5100, 59.7032

Rectangle

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



58.6044, 66.5100, 104.3567



67.8096, 66.5100, 104.7685



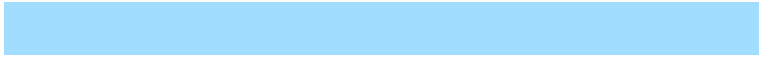
68.0629, 66.5100, 47.7677



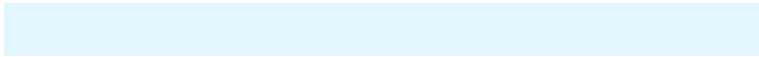
58.8342, 66.5100, 47.5239

Sweetspot

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



58.6063, 66.5125, 104.3571



82.3213, 88.7599, 107.4013



60.1854, 82.9882, 63.8278



17.3085, 18.7179, 22.9506



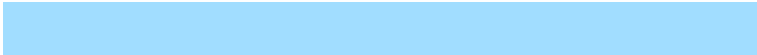
0.0000, 0.0000, 0.0000



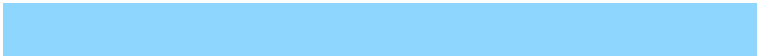
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6063, 66.5125, 104.3571



53.4961, 61.3478, 103.6295



48.0989, 45.4977, 100.8546



17.9700, 19.3116, 23.0303



16.4008, 17.7112, 51.9888



1.7007, 1.9321, 5.0966

Inverse Universe

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



67.0373, 51.9718, 74.9077



63.2238, 45.7215, 69.3928



79.0993, 86.6851, 46.2830



18.4975, 18.1823, 21.2370



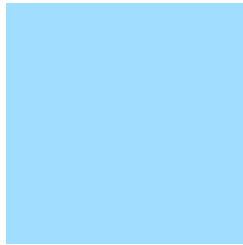
25.0666, 12.5159, 19.5329



2.4930, 1.2396, 2.1777

Previews

White Background



This preview shows how the XYZ color 58.6044, 66.5100, 104.3567 looks on a white background.

Color Contrast Check

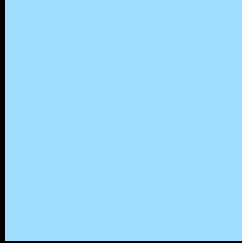
Large Text (above 18pt) WCAG AA × Fail

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 58.6044, 66.5100, 104.3567 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

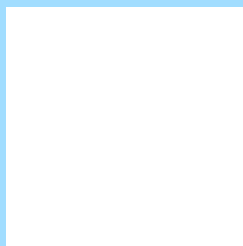
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6044, 66.5100, 104.3567

Background



This preview shows how black text looks on a background with the XYZ color 58.6044, 66.5100, 104.3567.

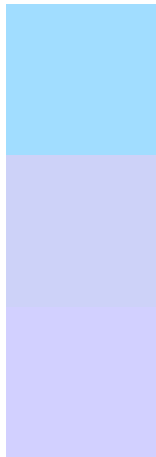


This preview shows how white text looks on a background with the XYZ color 58.6044, 66.5100,

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

58.6044, 66.5100, 104.3567

Protanopia

65.1667, 65.8496, 98.0825

Deuteranopia

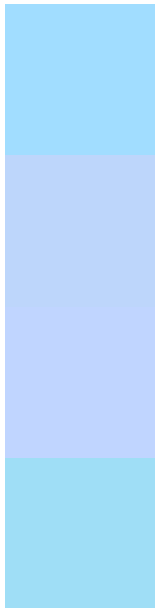
67.1842, 66.0334, 103.8125



Tritanopia

56.3654, 66.3953, 93.0639

Trichromacy



Original Color

58.6044, 66.5100, 104.3567

Protanomaly

62.4454, 65.8770, 100.6911

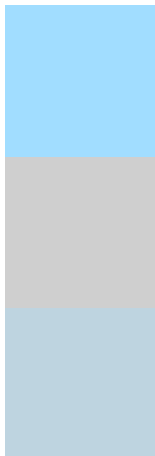
Deuteranomaly

63.5825, 66.0150, 103.9987

Tritanomaly

57.0539, 66.2673, 96.9726

Monochromacy



Original Color

58.6044, 66.5100, 104.3567

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.2332, 63.4159, 79.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6044, 66.5100, 104.3567 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(161, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 221, 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(161, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.6044, 66.5100, 104.3567 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(161, 221, 255) }
```


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

```
.border{ border-color:rgb(161, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 221, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 221, 255); box-shadow:4px 4px 4px 4px rgb(161, 221, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6044, 66.5100, 104.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 221, 255) }
```

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

```
.background{ background-color: rgb(161,  
221, 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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