

Converting Colors

XYZ(61.3374, 66.3673,
104.1851)

Have a look what the booklet for
XYZ(61.3374, 66.3673, 104.1851)
contains.

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Color

**XYZ(61.4533, 66.4294,
104.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D9FF
RGB	179, 217, 255
RGB Percent	70%, 85%, 100%
CMY	0.2980, 0.1490, 0.0000
CMYK	0.30, 0.15, 0.00, 0.00
HSL	210°, 100%, 85%
HSV	210°, 30%, 100%
XYZ	61.4533, 66.4294, 104.1910
YIQ	209.9700, -34.8460, 3.7620

Conversions

Conversions Part 2

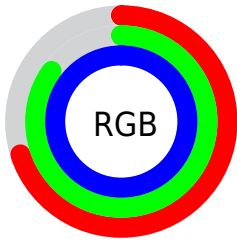
Format	Color
R _Y B	179, 204, 255
Decimal	11786751
CIE Lab	85.21, -3.92, -22.58
CIE LCh	85, 22.914, 260.155
Yxy	66.4294, 0.2648, 0.2862
Android (android.graphics.Color)	4289976831 (0xFFB3D9FF)
YUV	209.9700, 22.1998, -27.1607
Hunter-Lab	81.5042, -8.0454, -18.7405

Details

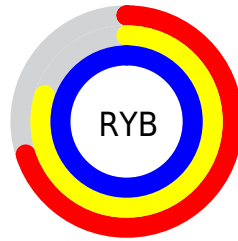
The XYZ color **61.4533, 66.4294, 104.1910** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.1898, 74.1404, 53.0501**, and the grayscale version is **61.1158, 64.2986, 70.0212**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **31.4256, 34.2030, 58.3716** is the 20% darker color. If you saturate the color by 10%, you get **52.9356, 57.3484, 102.8871**, and if you desaturate by 10%, it is **71.3183, 76.5851, 105.6313**.

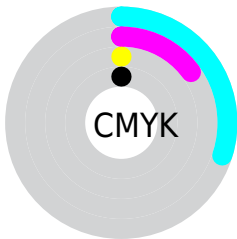
Distribution



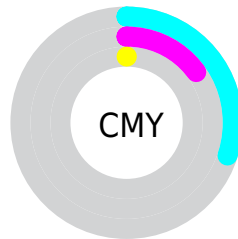
- Red (70%)
- Green (85%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4533, 66.4294, 104.1910 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 61.4533, 66.4294, 104.1910 by changing the saturation by 10% instead.

■ 61.4533, 66.4294,
104.1910

■ 61.4533, 66.4294,
104.1910

419.6835,
447.9110, 594.9085

■ 44.8450, 48.6211,
79.1689

■ 106.0294,
114.1024, 169.0067

■ 31.5361, 34.3190,
58.5125

134.7280,
144.7359, 209.6373

■ 21.1613, 23.1388,
41.8034

168.1873,
180.4132, 256.3079

■ 13.3551, 14.6960,
28.6230

206.7728,
221.5187, 309.4369

■ 7.7522, 8.6063,
18.5527

250.8498,
268.4369, 369.4430

■ 3.9873, 4.4853,
11.1740

300.7837,

■ 1.6949, 1.9486,

321.5520, 436.7445

6.0683

356.9398,
381.2486, 511.7602

■ 0.4531, 0.5773,
2.8172

■ 0.0000, 0.0000,
1.0021

■ 61.4533, 66.4294,
104.1910

■ 61.4533, 66.4294,
104.1910

■ 52.9356, 57.3484,
102.8871

■ 71.3183, 76.5851,
105.6313

■ 45.6939, 49.2920,
101.7137

■ 82.5862, 87.8475,
107.2112

■ 39.6580, 42.2169,
100.6662

95.0500, 100.0000,
108.9000

■ 34.7484, 36.0729,
99.7391

■ 30.8742, 30.8039,
98.9262

■ 27.9287, 26.3448,
98.2208

■ 25.7441, 22.5988,
97.6129

■ 25.7051, 22.5301,
97.6017

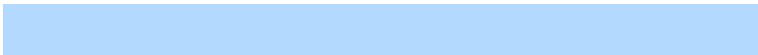
Harmonies

Analogous

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



56.9770, 66.4294, 96.4852



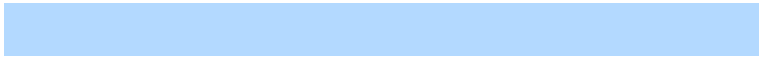
61.4533, 66.4294, 104.1910



66.6294, 66.4294, 102.5100

Triad

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



61.4533, 66.4294, 104.1910



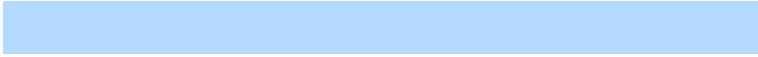
72.9466, 66.4294, 62.9507



55.8047, 66.4294, 55.5678

Complementary

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



61.4533, 66.4294, 104.1910



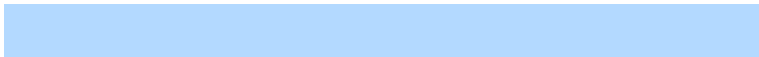
74.1898, 74.1404, 53.0501

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.



59.7730, 66.4294, 48.7446



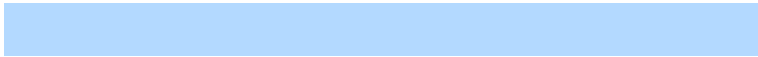
61.4533, 66.4294, 104.1910



69.7303, 66.4294, 52.5861

Square

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



61.4533, 66.4294, 104.1910



73.4572, 66.4294, 77.3123



64.8556, 66.4294, 47.7331



53.8356, 66.4294, 67.5671

Rectangle

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



61.4533, 66.4294, 104.1910



69.7743, 66.4294, 96.3654



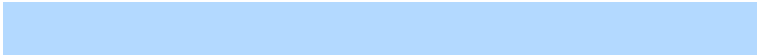
64.8556, 66.4294, 47.7331



56.9386, 66.4294, 52.6661

Sweetspot

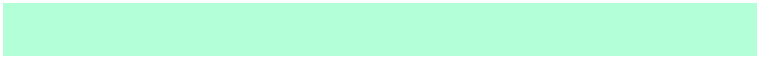
The Sweet Spot groups the original color and five complimentary colors.



61.4552, 66.4319, 104.1914



83.5531, 88.8004, 107.3442



66.7117, 86.0483, 77.8793



17.5101, 18.6383, 22.9246



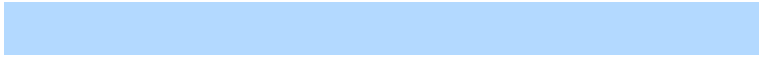
0.0000, 0.0000, 0.0000



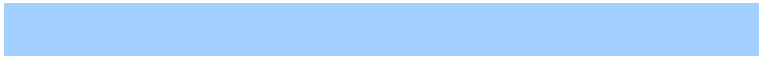
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4552, 66.4319, 104.1914



56.0209, 60.6790, 103.3673



53.0171, 49.5559, 101.3787



17.7535, 18.8785, 22.9582



13.5808, 12.0711, 51.0488



1.4315, 1.3937, 5.0068

Inverse Universe

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



69.8858, 58.5117, 73.2589



65.8941, 52.1340, 66.9781



84.7343, 95.2293, 56.5649



18.3882, 18.1386, 20.6614



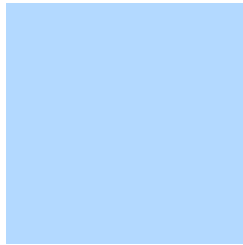
23.6431, 11.9465, 12.0371



2.3572, 1.1852, 1.4623

Previews

White Background



This preview shows how the XYZ color 61.4533, 66.4294, 104.1910 looks on a white background.

Color Contrast Check

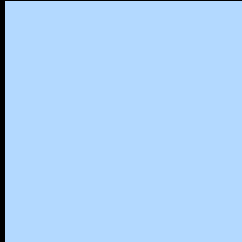
Large Text (above 18pt) WCAG AA × Fail

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 61.4533, 66.4294, 104.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

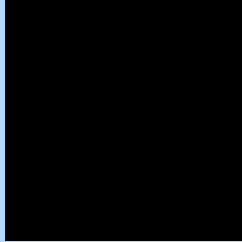
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

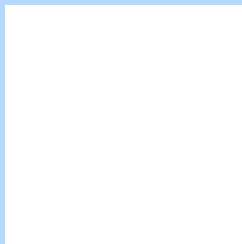
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4533, 66.4294, 104.1910

Background



This preview shows how black text looks on a background with the XYZ color 61.4533, 66.4294, 104.1910.



This preview shows how white text looks on a background with the XYZ color 61.4533, 66.4294,

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

61.4533, 66.4294, 104.1910

Protanopia

65.6087, 66.3909, 100.6236

Deuteranopia

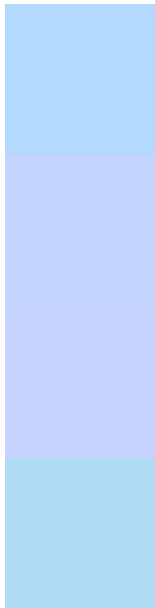
67.4698, 66.1806, 103.8258



Tritanopia

58.7050, 66.4734, 90.6255

Trichromacy



Original Color

61.4533, 66.4294, 104.1910

Protanomaly

63.8706, 66.2189, 101.5106

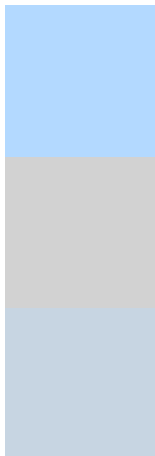
Deuteranomaly

64.8975, 65.9506, 103.9170

Tritanomaly

59.5651, 66.4248, 95.2698

Monochromacy



Original Color

61.4533, 66.4294, 104.1910

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0749, 65.2216, 81.3215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4533, 66.4294, 104.1910 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(179, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 217, 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(179, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4533, 66.4294, 104.1910 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(179, 217, 255) }
```


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

```
.border{ border-color:rgb(179, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4533, 66.4294, 104.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 217, 255) }
```

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

```
.background{ background-color: rgb(179,  
217, 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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