

Converting Colors

XYZ(61.1005, 67.0759,
104.3343)

Have a look what the booklet for
XYZ(61.1005, 67.0759, 104.3343)
contains.

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Color

**XYZ(61.0607, 66.9970,
104.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	AFDBFF
RGB	175, 219, 255
RGB Percent	69%, 86%, 100%
CMY	0.3137, 0.1412, 0.0000
CMYK	0.31, 0.14, 0.00, 0.00
HSL	207°, 100%, 84%
HSV	207°, 31%, 100%
XYZ	61.0607, 66.9970, 104.3212
YIQ	209.9480, -37.7800, 1.8680

Conversions

Conversions Part 2

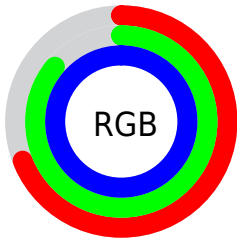
Format	Color
R _Y B	175, 203, 255
Decimal	11525119
CIE Lab	85.50, -6.08, -22.16
CIE LCh	86, 22.982, 254.660
Yxy	66.9970, 0.2628, 0.2883
Android (android.graphics.Color)	4289715199 (0xFFAFDBFF)
YUV	209.9480, 22.2106, -30.6494
Hunter-Lab	81.8517, -10.0809, -18.2698

Details

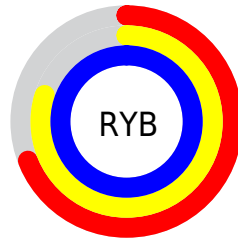
The XYZ color **61.0607, 66.9970, 104.3212** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.2723, 70.9435, 50.4436**, and the grayscale version is **61.1027, 64.2848, 70.0061**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **31.2142, 34.6212, 58.4635** is the 20% darker color. If you saturate the color by 10%, you get **52.9779, 58.5399, 103.1148**, and if you desaturate by 10%, it is **70.4342, 76.4290, 105.6477**.

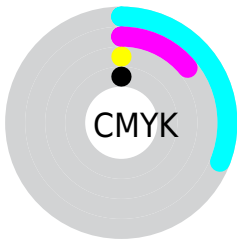
Distribution



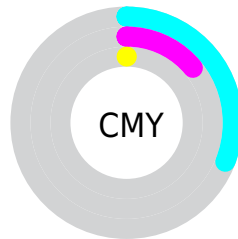
- Red (69%)
- Green (86%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0607, 66.9970, 104.3212 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 61.0607, 66.9970, 104.3212 by changing the saturation by 10% instead.

■ 61.0607, 66.9970,
104.3212

■ 61.0607, 66.9970,
104.3212

418.2689,
449.9341, 595.3244

■ 44.5269, 49.0822,
79.2773

■ 105.4644,
114.9161, 169.1864

■ 31.2846, 34.6847,
58.6012

134.0651,
145.6892, 209.8448

■ 20.9686, 23.4201,
41.8743

167.4187,
181.5172, 256.5451

■ 13.2134, 14.9040,
28.6780

205.8906,
222.7844, 309.7059

■ 7.6536, 8.7520,
18.5939

249.8463,
269.8754, 369.7457

■ 3.9241, 4.5798,
11.2034

299.6509,

■ 1.6593, 2.0029,

323.1743, 437.0830

6.0879

355.6700,
383.0658, 512.1364

■ 0.4306, 0.6092,
2.8290

■ 0.0000, 0.0000,
1.0080

■ 61.0607, 66.9970,
104.3212

■ 61.0607, 66.9970,
104.3212

■ 52.9779, 58.5399,
103.1148

■ 70.4342, 76.4290,
105.6477

■ 46.1152, 51.0104,
102.0232

■ 81.1531, 86.8653,
107.0972

■ 40.4031, 44.3679,
101.0421

■ 93.2754, 98.3432,
108.6737

■ 35.7621, 38.5649,
100.1667

■ 95.0500, 100.0000,
108.9000

■ 32.1014, 33.5480,
99.3912

■ 29.3127, 29.2541,
98.7094

■ 27.4658, 26.0517,
98.1886

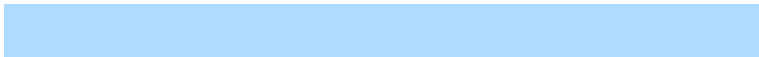
Harmonies

Analogous

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



56.8044, 66.9970, 95.0707



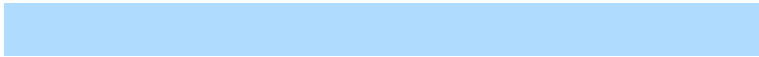
61.0607, 66.9970, 104.3212



66.2522, 66.9970, 104.4333

Triad

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



61.0607, 66.9970, 104.3212



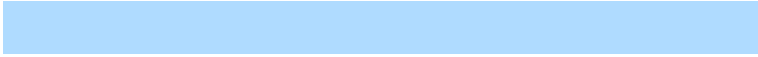
73.8884, 66.9970, 65.9141



56.8825, 66.9970, 54.3567

Complementary

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



61.0607, 66.9970, 104.3212



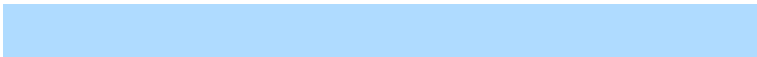
72.2723, 70.9435, 50.4436

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.



61.1726, 66.9970, 48.5279



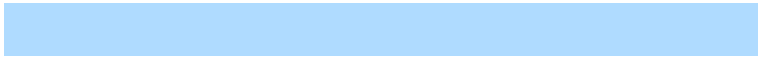
61.0607, 66.9970, 104.3212



71.0863, 66.9970, 54.5552

Square

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



61.0607, 66.9970, 104.3212



73.8544, 66.9970, 80.8183



66.3704, 66.9970, 48.5952



54.4834, 66.9970, 65.6067

Rectangle

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



61.0607, 66.9970, 104.3212



69.5576, 66.9970, 99.2324



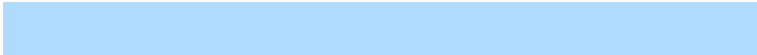
66.3704, 66.9970, 48.5952



58.1406, 66.9970, 51.7710

Sweetspot

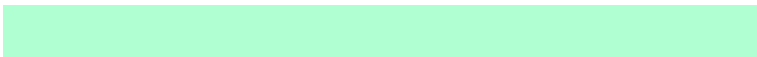
The Sweet Spot groups the original color and five complimentary colors.



61.0626, 66.9996, 104.3216



83.8986, 89.4914, 107.4594



65.0316, 85.2710, 73.7880



17.5952, 18.8085, 22.9530



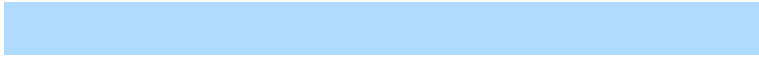
0.0000, 0.0000, 0.0000



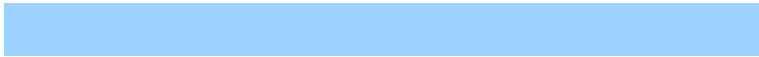
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0626, 66.9996, 104.3216



55.5635, 61.2858, 103.5086



52.1193, 49.1130, 101.3405



17.8313, 19.0342, 22.9841



14.5028, 13.9152, 51.3561



1.5212, 1.5732, 5.0367

Inverse Universe

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



69.3574, 57.0360, 74.3742



65.2918, 50.4710, 68.1906



83.0604, 92.5197, 54.0396



18.4275, 18.1543, 20.8683



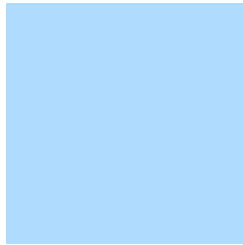
24.1086, 12.1327, 14.4880



2.4025, 1.2034, 1.7008

Previews

White Background



This preview shows how the XYZ color 61.0607, 66.9970, 104.3212 looks on a white background.

Color Contrast Check

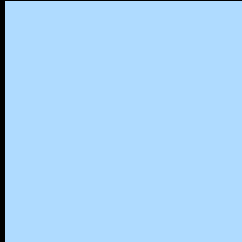
Large Text (above 18pt) WCAG AA × Fail

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 61.0607, 66.9970, 104.3212 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

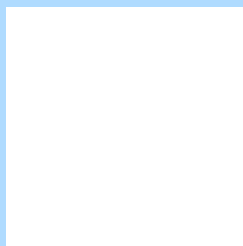
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0607, 66.9970, 104.3212

Background



This preview shows how black text looks on a background with the XYZ color 61.0607, 66.9970, 104.3212.

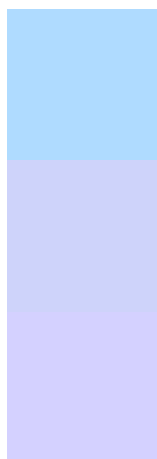


This preview shows how white text looks on a background with the XYZ color 61.0607, 66.9970,

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

61.0607, 66.9970, 104.3212

Protanopia

66.0032, 66.6125, 99.8212

Deuteranopia

68.0018, 66.8180, 103.9208



Tritanopia

58.4959, 67.1325, 91.5362

Trichromacy



Original Color

61.0607, 66.9970, 104.3212

Protanomaly

64.1229, 66.7235, 101.5947

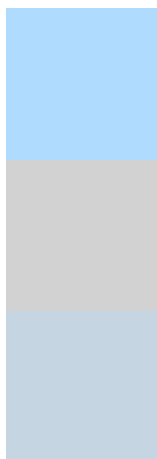
Deuteranomaly

65.3974, 66.9506, 104.0837

Tritanomaly

59.3511, 67.0761, 96.2051

Monochromacy



Original Color

61.0607, 66.9970, 104.3212

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5477, 64.9498, 81.2969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0607, 66.9970, 104.3212 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(175, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 219, 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(175, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0607, 66.9970, 104.3212 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(175, 219, 255) }
```


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

```
.border{ border-color:rgb(175, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0607, 66.9970, 104.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 219, 255) }
```

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

```
.background{ background-color: rgb(175,  
219, 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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