

Converting Colors

XYZ(70.9659, 70.1585,
147.6943)

Have a look what the booklet for
XYZ(70.9659, 70.1585, 147.6943)
contains.

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Color

**XYZ(62.6135, 66.6460,
104.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D8FF
RGB	185, 216, 255
RGB Percent	73%, 85%, 100%
CMY	0.2745, 0.1529, 0.0000
CMYK	0.27, 0.15, 0.00, 0.00
HSL	213°, 100%, 86%
HSV	213°, 27%, 100%
XYZ	62.6135, 66.6460, 104.1716
YIQ	211.1770, -30.9950, 5.5570

Conversions

Conversions Part 2

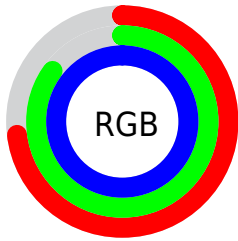
Format	Color
R _Y B	185, 206, 255
Decimal	12179711
CIE Lab	85.32, -1.69, -22.37
CIE LCh	85, 22.438, 265.686
Yxy	66.6460, 0.2682, 0.2855
Android (android.graphics.Color)	4290369791 (0xFFB9D8FF)
YUV	211.1770, 21.6047, -22.9572
Hunter-Lab	81.6370, -5.9598, -18.5102

Details

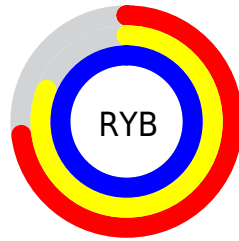
The XYZ color **62.6135, 66.6460, 104.1716** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.6529, 78.0740, 56.9307**, and the grayscale version is **61.9118, 65.1361, 70.9332**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **32.1438, 34.3128, 58.3549** is the 20% darker color. If you saturate the color by 10%, you get **53.5213, 56.7887, 102.7482**, and if you desaturate by 10%, it is **73.1274, 77.7065, 105.7524**.

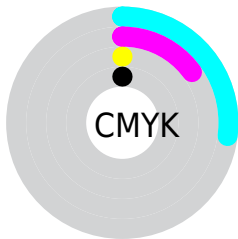
Distribution



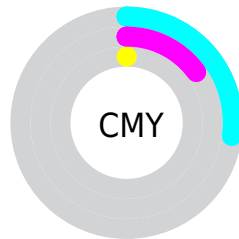
- Red (73%)
- Green (85%)
- Blue (100%)



- Red (73%)
- Yellow (81%)
- Blue (100%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6135, 66.6460, 104.1716 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 62.6135, 66.6460, 104.1716 by changing the saturation by 10% instead.

■ 62.6135, 66.6460,
104.1716

■ 62.6135, 66.6460,
104.1716

423.8474,
448.6837, 594.8465

■ 45.7861, 48.7970,
79.1527

■ 107.6967,
114.4130, 168.9799

■ 32.2810, 34.4585,
58.4993

136.6831,
145.0998, 209.6064

■ 21.7328, 23.2460,
41.7929

170.4533,
180.8347, 256.2725

■ 13.7762, 14.7753,
28.6148

209.3725,
222.0020, 309.3968

■ 8.0458, 8.6618,
18.5465

253.8062,
268.9862, 369.3978

■ 4.1763, 4.5213,
11.1696

304.1197,

■ 1.8024, 1.9692,

322.1716, 436.6941

6.0654

360.6783,
381.9426, 511.7042

■ 0.5191, 0.5895,
2.8155

■ 0.0000, 0.0000,
1.0012

■ 62.6135, 66.6460,
104.1716

■ 62.6135, 66.6460,
104.1716

■ 53.5213, 56.7887,
102.7482

■ 73.1274, 77.7065,
105.7524

■ 45.7781, 48.0807,
101.4755

■ 85.1195, 90.0060,
107.4944

■ 39.3133, 40.4748,
100.3481

95.0500, 100.0000,
108.9000

■ 34.0465, 33.9169,
99.3599

■ 29.8873, 28.3470,
98.5040

■ 26.7307, 23.6969,
97.7728

■ 24.4415, 19.8821,
97.1572

■ 23.9480, 19.0160,
97.0160

Harmonies

Analogous

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



57.9991, 66.6460, 98.1978



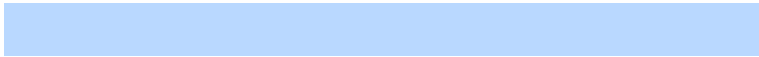
62.6135, 66.6460, 104.1716



67.6718, 66.6460, 100.7934

Triad

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



62.6135, 66.6460, 104.1716



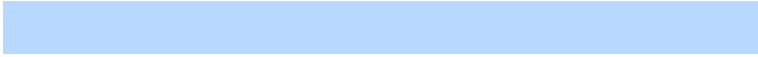
72.5571, 66.6460, 61.1088



55.6183, 66.6460, 57.9175

Complementary

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



62.6135, 66.6460, 104.1716



76.6529, 78.0740, 56.9307

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.



59.2067, 66.6460, 50.1722



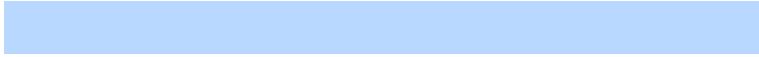
62.6135, 66.6460, 104.1716



69.0097, 66.6460, 51.8347

Square

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



62.6135, 66.6460, 104.1716



73.5879, 66.6460, 74.6897



64.0822, 66.6460, 48.1028



54.0997, 66.6460, 70.4833

Rectangle

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



62.6135, 66.6460, 104.1716



70.5908, 66.6460, 93.9045



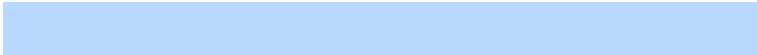
64.0822, 66.6460, 48.1028



56.6128, 66.6460, 54.7331

Sweetspot

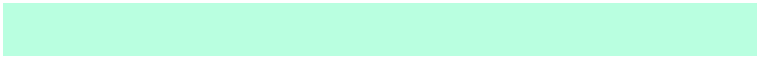
The Sweet Spot groups the original color and five complimentary colors.



62.6154, 66.6486, 104.1720



84.4199, 89.2960, 107.3942



69.1555, 87.1896, 83.3515



17.6651, 18.7019, 22.9287



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.



62.6154, 66.6486, 104.1720



57.3968, 61.0309, 103.3627



56.2630, 52.6749, 101.8096



17.6651, 18.7019, 22.9287



12.6566, 10.2228, 50.7407



1.3391, 1.2090, 4.9760

Inverse Universe

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



70.9849, 60.9175, 72.9855



67.1744, 54.8891, 66.8054



84.4814, 95.6252, 59.9058



18.3436, 18.1208, 20.4267



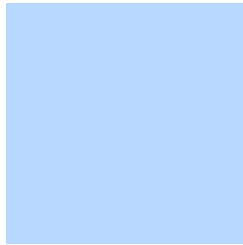
23.1767, 11.7600, 9.5808



2.3105, 1.1666, 1.2167

Previews

White Background



This preview shows how the XYZ color 62.6135, 66.6460, 104.1716 looks on a white background.

Color Contrast Check

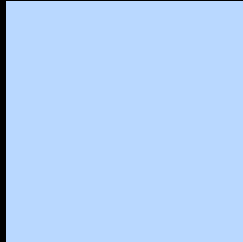
Large Text (above 18pt) WCAG AA × Fail

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 62.6135, 66.6460, 104.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

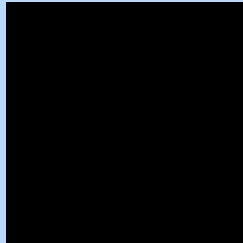
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

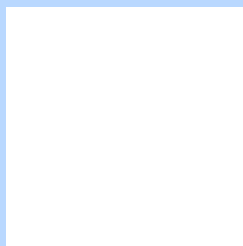
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6135, 66.6460, 104.1716

Background



This preview shows how black text looks on a background with the XYZ color 62.6135, 66.6460, 104.1716.



This preview shows how white text looks on a background with the XYZ color 62.6135, 66.6460,

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

62.6135, 66.6460, 104.1716

Protanopia

66.0418, 66.5959, 101.4690

Deuteranopia

67.7573, 66.3288, 103.8393



Tritanopia

59.6736, 66.6012, 89.8309

Trichromacy



Original Color

62.6135, 66.6460, 104.1716

Protanomaly

64.8126, 66.6861, 102.3842

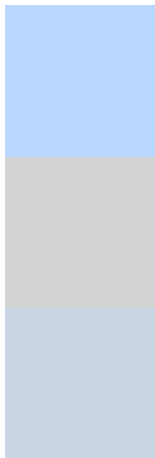
Deuteranomaly

65.7014, 66.3651, 103.9546

Tritanomaly

60.6919, 66.6195, 95.2480

Monochromacy



Original Color

62.6135, 66.6460, 104.1716

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0165, 65.6911, 82.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6135, 66.6460, 104.1716 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(185, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6135, 66.6460, 104.1716 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(185, 216, 255) }
```


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

```
.border{ border-color:rgb(185, 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(185, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6135, 66.6460, 104.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 216, 255) }
```

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

```
.background{ background-color: rgb(185,  
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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