

Converting Colors

XYZ(62.2950, 66.5071,
104.1616)

Have a look what the booklet for
XYZ(62.2950, 66.5071, 104.1616)
contains.

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Color

**XYZ(62.3730, 66.5221,
104.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D8FF
RGB	184, 216, 255
RGB Percent	72%, 85%, 100%
CMY	0.2784, 0.1529, 0.0000
CMYK	0.28, 0.15, 0.00, 0.00
HSL	213°, 100%, 86%
HSV	213°, 28%, 100%
XYZ	62.3730, 66.5221, 104.1604
YIQ	210.8780, -31.5910, 5.3450

Conversions

Conversions Part 2

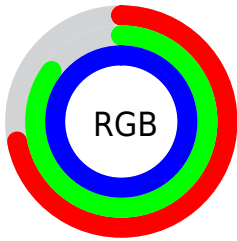
Format	Color
RYB	184, 206, 255
Decimal	12114175
CIELab	85.26, -1.97, -22.48
CIELCh	85, 22.562, 264.979
Yxy	66.5221, 0.2676, 0.2854
Android (android.graphics.Color)	4290304255 (0xFFB8D8FF)
YUV	210.8780, 21.7521, -23.5720
Hunter-Lab	81.5611, -6.2258, -18.6256

Details

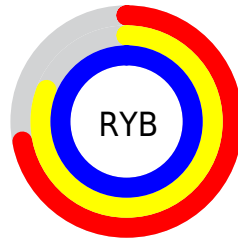
The XYZ color **62.3730, 66.5221, 104.1604** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.2794, 77.4955, 56.2869**, and the grayscale version is **61.7139, 64.9278, 70.7064**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.9912, 34.2341, 58.3478** is the 20% darker color. If you saturate the color by 10%, you get **53.3698, 56.7804, 102.7546**, and if you desaturate by 10%, it is **72.7868, 77.4482, 105.7205**.

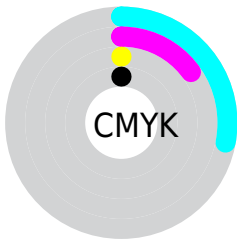
Distribution



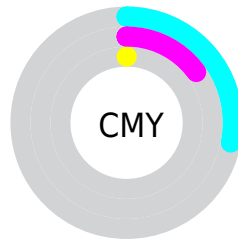
- Red (72%)
- Green (85%)
- Blue (100%)



- Red (72%)
- Yellow (81%)
- Blue (100%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3730, 66.5221, 104.1604 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 62.3730, 66.5221, 104.1604 by changing the saturation by 10% instead.

■ 62.3730, 66.5221,
104.1604

■ 62.3730, 66.5221,
104.1604

422.9863,
448.2418, 594.8108

■ 45.5909, 48.6964,
79.1434

■ 107.3513,
114.2354, 168.9644

■ 32.1264, 34.3787,
58.4917

136.2783,
144.8917, 209.5885

■ 21.6141, 23.1847,
41.7868

169.9842,
180.5936, 256.2521

■ 13.6886, 14.7299,
28.6100

208.8345,
221.7256, 309.3737

■ 7.9847, 8.6301,
18.5430

253.1945,
268.6720, 369.3718

■ 4.1369, 4.5007,
11.1671

303.4296,

■ 1.7798, 1.9574,

321.8172, 436.6650

6.0637

359.9050,
381.5457, 511.6718

■ 0.5055, 0.5825,
2.8145

■ 0.0000, 0.0000,
1.0007

■ 62.3730, 66.5221,
104.1604

■ 62.3730, 66.5221,
104.1604

■ 53.3698, 56.7804,
102.7546

■ 72.7868, 77.4482,
105.7205

■ 45.7049, 48.1699,
101.4965

■ 84.6676, 89.5940,
107.4386

■ 39.3074, 40.6438,
100.3811

95.0500, 100.0000,
108.9000

■ 34.0973, 34.1486,
99.4020

■ 29.9840, 28.6250,
98.5526

■ 26.8620, 24.0051,
97.8254

■ 24.5928, 20.2033,
97.2112

■ 24.1738, 19.4676,
97.0913

Harmonies

Analogous

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



57.7656, 66.5221, 97.9478



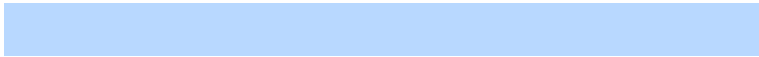
62.3730, 66.5221, 104.1604



67.4589, 66.5221, 100.9840

Triad

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



62.3730, 66.5221, 104.1604



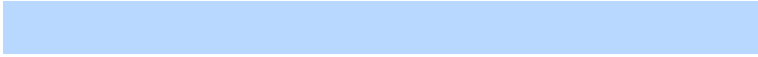
72.5382, 66.5221, 61.2083



55.5325, 66.5221, 57.4818

Complementary

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



62.3730, 66.5221, 104.1604



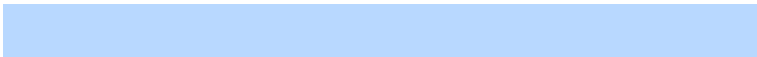
76.2794, 77.4955, 56.2869

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.



59.1764, 66.5221, 49.8421



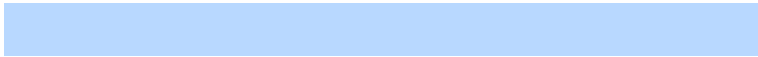
62.3730, 66.5221, 104.1604



69.0228, 66.5221, 51.7823

Square

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



62.3730, 66.5221, 104.1604



73.5064, 66.5221, 74.9168



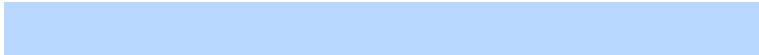
64.0893, 66.5221, 47.9045



53.9541, 66.5221, 70.0013

Rectangle

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



62.3730, 66.5221, 104.1604



70.4143, 66.5221, 94.1660



64.0893, 66.5221, 47.9045



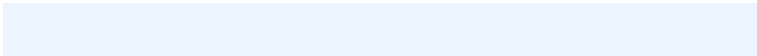
56.5467, 66.5221, 54.3281

Sweetspot

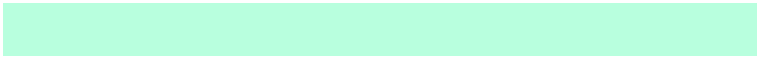
The Sweet Spot groups the original color and five complimentary colors.



62.3749, 66.5247, 104.1608



84.4681, 89.3923, 107.4102



68.6950, 86.9776, 82.1823



17.6772, 18.7261, 22.9328



0.0000, 0.0000, 0.0000



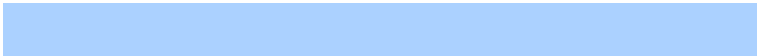
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3749, 66.5247, 104.1608



57.5584, 61.3541, 103.4166



55.5307, 51.9877, 101.7156



17.6772, 18.7261, 22.9328



12.7756, 10.4608, 50.7804



1.3512, 1.2331, 4.9801

Inverse Universe

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



70.7764, 60.5003, 72.9161



67.2560, 54.9217, 67.2350



84.7867, 95.7947, 59.3706



18.3497, 18.1232, 20.4588



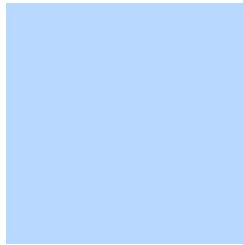
23.2367, 11.7840, 9.8971



2.3166, 1.1690, 1.2488

Previews

White Background



This preview shows how the XYZ color 62.3730, 66.5221, 104.1604 looks on a white background.

Color Contrast Check

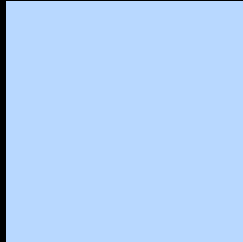
Large Text (above 18pt) WCAG AA × Fail

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 62.3730, 66.5221, 104.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

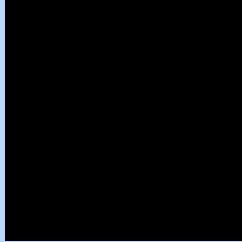
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

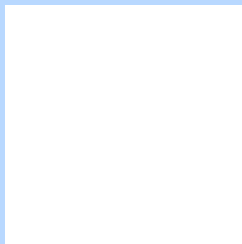
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3730, 66.5221, 104.1604

Background



This preview shows how black text looks on a background with the XYZ color 62.3730, 66.5221, 104.1604.



This preview shows how white text looks on a background with the XYZ color 62.3730, 66.5221,

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

62.3730, 66.5221, 104.1604

Protanopia

65.6087, 66.3909, 100.6236

Deuteranopia

67.4698, 66.1806, 103.8258



Tritanopia

59.4400, 66.4808, 89.8200

Trichromacy



Original Color

62.3730, 66.5221, 104.1604

Protanomaly

64.3909, 66.4871, 101.5350

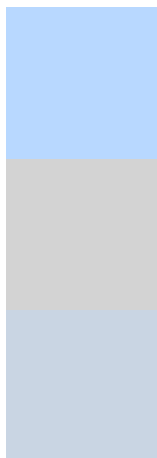
Deuteranomaly

65.4317, 66.2260, 103.9420

Tritanomaly

60.4566, 66.4982, 95.2370

Monochromacy



Original Color

62.3730, 66.5221, 104.1604

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7468, 65.5521, 82.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3730, 66.5221, 104.1604 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(184, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3730, 66.5221, 104.1604 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(184, 216, 255) }
```


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

```
.border{ border-color:rgb(184, 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(184, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3730, 66.5221, 104.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 216, 255) }
```

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

```
.background{ background-color: rgb(184,  
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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