

Converting Colors

XYZ(62.1515, 66.0786,
104.0864)

Have a look what the booklet for
XYZ(62.1515, 66.0786, 104.0864)
contains.

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Color

**XYZ(62.1176, 66.0112,
104.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D7FF
RGB	184, 215, 255
RGB Percent	72%, 84%, 100%
CMY	0.2784, 0.1568, 0.0000
CMYK	0.28, 0.16, 0.00, 0.00
HSL	214°, 100%, 86%
HSV	214°, 28%, 100%
XYZ	62.1176, 66.0112, 104.0752
YIQ	210.2910, -31.3160, 5.8680

Conversions

Conversions Part 2

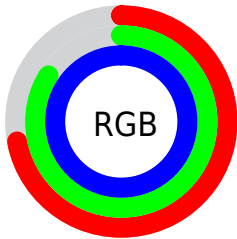
Format	Color
RYB	184, 206, 255
Decimal	12113919
CIELab	85.00, -1.45, -22.87
CIELCh	85, 22.916, 266.377
Yxy	66.0112, 0.2675, 0.2843
Android (android.graphics.Color)	4290303999 (0xFFB8D7FF)
YUV	210.2910, 22.0415, -23.0572
Hunter-Lab	81.2473, -5.7106, -19.0755

Details

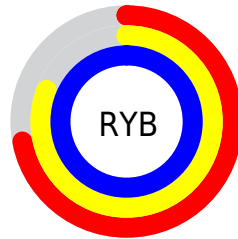
The XYZ color **62.1176, 66.0112, 104.0752** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.5475, 78.0317, 56.3764**, and the grayscale version is **61.3257, 64.5194, 70.2616**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.8171, 33.8860, 58.2898** is the 20% darker color. If you saturate the color by 10%, you get **53.0523, 56.1453, 102.6487**, and if you desaturate by 10%, it is **72.6088, 77.0922, 105.6611**.

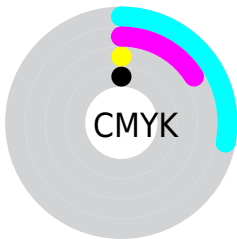
Distribution



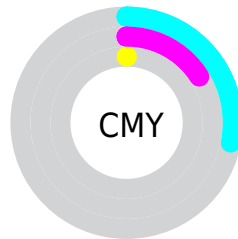
- Red (72%)
- Green (84%)
- Blue (100%)



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



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1176, 66.0112, 104.0752 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 62.1176, 66.0112, 104.0752 by changing the saturation by 10% instead.

■ 62.1176, 66.0112,
104.0752

■ 62.1176, 66.0112,
104.0752

422.0707,
446.4169, 594.5385

■ 45.3837, 48.2815,
79.0725

■ 106.9845,
113.5024, 168.8468

■ 31.9623, 34.0499,
58.4337

135.8481,
144.0327, 209.4527

■ 21.4881, 22.9319,
41.7404

169.4857,
179.5986, 256.0968

■ 13.5958, 14.5432,
28.5740

208.2627,
220.5846, 309.1976

■ 7.9199, 8.4995,
18.5160

252.5443,
267.3751, 369.1737

■ 4.0951, 4.4162,
11.1478

302.6959,

■ 1.7561, 1.9090,

320.3543, 436.4434

6.0509

359.0829,
379.9068, 511.4256

■ 0.4910, 0.5538,
2.8068

■ 0.0000, 0.0000,
0.9968

■ 62.1176, 66.0112,
104.0752

■ 62.1176, 66.0112,
104.0752

■ 53.0523, 56.1453,
102.6487

■ 72.6088, 77.0922,
105.6611

■ 45.3399, 47.4399,
101.3749

■ 84.5830, 89.4247,
107.4104

■ 38.9091, 39.8471,
100.2483

95.0500, 100.0000,
108.9000

■ 33.6789, 33.3119,
99.2625

■ 29.5582, 27.7735,
98.4107

■ 26.4407, 23.1623,
97.6849

■ 24.1867, 19.3911,
97.0758

■ 23.7723, 18.6645,
96.9574

Harmonies

Analogous

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



57.4138, 66.0112, 98.1864



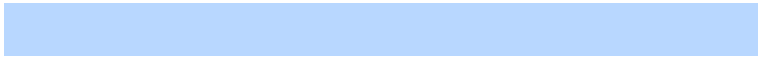
62.1176, 66.0112, 104.0752



67.2471, 66.0112, 100.4108

Triad

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



62.1176, 66.0112, 104.0752



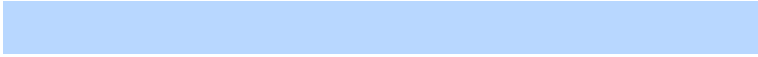
72.0431, 66.0112, 59.9914



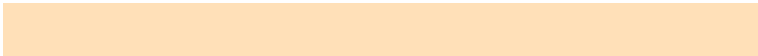
54.8479, 66.0112, 57.2799

Complementary

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



62.1176, 66.0112, 104.0752



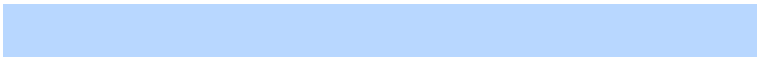
76.5475, 78.0317, 56.3764

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.



58.4421, 66.0112, 49.3332



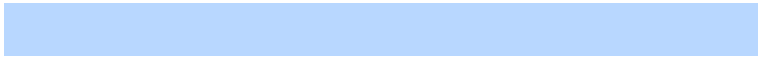
62.1176, 66.0112, 104.0752



68.3894, 66.0112, 50.7417

Square

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



62.1176, 66.0112, 104.0752



73.1581, 66.0112, 73.6832



63.3699, 66.0112, 47.1129



53.3641, 66.0112, 70.0966

Rectangle

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



62.1176, 66.0112, 104.0752



70.1905, 66.0112, 93.2824



63.3699, 66.0112, 47.1129



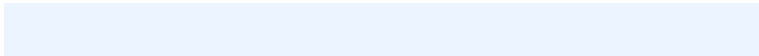
55.8394, 66.0112, 54.0221

Sweetspot

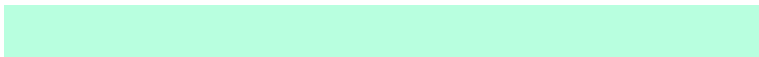
The Sweet Spot groups the original color and five complimentary colors.



62.1195, 66.0137, 104.0756



84.3818, 89.2196, 107.3815



68.8542, 87.0413, 83.0201



17.6555, 18.6827, 22.9255



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.



62.1195, 66.0137, 104.0756



57.2690, 60.7752, 103.3201



55.8203, 52.1371, 101.7292



17.6555, 18.6827, 22.9255



12.5639, 10.0374, 50.7098



1.3297, 1.1901, 4.9729

Inverse Universe

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



70.6475, 60.4489, 72.2370



67.1099, 54.8633, 66.4657



84.3581, 95.5738, 59.3507



18.3388, 18.1188, 20.4012



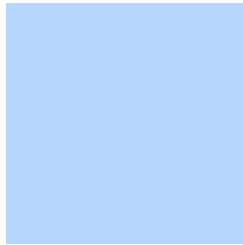
23.1299, 11.7412, 9.3343



2.3058, 1.1647, 1.1917

Previews

White Background



This preview shows how the XYZ color 62.1176, 66.0112, 104.0752 looks on a white background.

Color Contrast Check

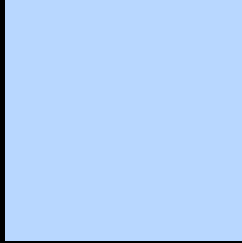
Large Text (above 18pt) WCAG AA × Fail

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 62.1176, 66.0112, 104.0752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

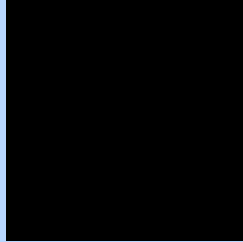
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

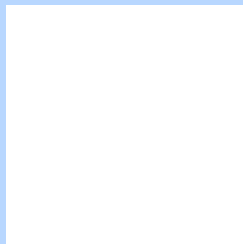
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1176, 66.0112, 104.0752

Background



This preview shows how black text looks on a background with the XYZ color 62.1176, 66.0112, 104.0752.



This preview shows how white text looks on a background with the XYZ color 62.1176, 66.0112,

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

62.1176, 66.0112, 104.0752

Protanopia

65.2459, 65.8180, 101.3608

Deuteranopia

66.9412, 65.5473, 103.7315



Tritanopia

59.0341, 65.9022, 88.9659

Trichromacy



Original Color

62.1176, 66.0112, 104.0752

Protanomaly

64.0381, 65.9146, 102.2761

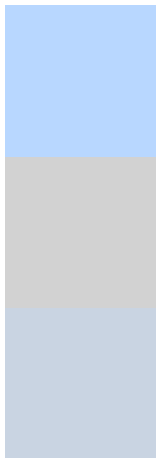
Deuteranomaly

65.1840, 65.7307, 103.8595

Tritanomaly

60.0466, 65.9205, 94.3532

Monochromacy



Original Color

62.1176, 66.0112, 104.0752

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3583, 64.9955, 81.2630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1176, 66.0112, 104.0752 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 215, 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, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.1176, 66.0112, 104.0752 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, 215, 255) }
```


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

```
.border{ border-color:rgb(184, 215, 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, 215, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1176, 66.0112, 104.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 215, 255) }
```

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

```
.background{ background-color: rgb(184,  
215, 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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