

Converting Colors

XYZ(63.3246, 69.3700,
108.4145)

Have a look what the booklet for
XYZ(63.3246, 69.3700, 108.4145)
contains.

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Color

**XYZ(62.5314, 68.9275,
104.6163)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B2DEFF |
| RGB | 178, 222, 255 |
| RGB Percent | 70%, 87%, 100% |
| CMY | 0.3019, 0.1294, 0.0000 |
| CMYK | 0.30, 0.13, 0.00, 0.00 |
| HSL | 206°, 100%, 85% |
| HSV | 206°, 30%, 100% |
| XYZ | 62.5314, 68.9275, 104.6163 |
| YIQ | 212.6060, -36.8170, 0.9350 |

Conversions

Conversions Part 2

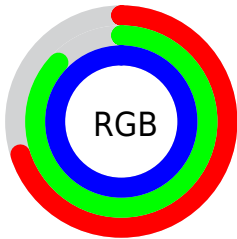
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 178, 206, 255 |
| Decimal | 11722495 |
| CIE Lab | 86.47, -6.81, -20.68 |
| CIE LCh | 86, 21.774, 251.786 |
| Yxy | 68.9275, 0.2649, 0.2920 |
| Android (android.graphics.Color) | 4289912575 (0xFFB2DEFF) |
| YUV | 212.6060, 20.9002, -30.3495 |
| Hunter-Lab | 83.0226, -10.8459, -16.5952 |

Details

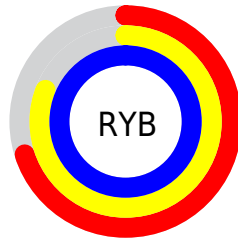
The XYZ color **62.5314, 68.9275, 104.6163** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.5704, 71.0629, 52.0131**, and the grayscale version is **62.8670, 66.1410, 72.0275**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **32.1801, 35.9256, 58.6643** is the 20% darker color. If you saturate the color by 10%, you get **54.4066, 60.5706, 103.4315**, and if you desaturate by 10%, it is **71.9356, 78.2266, 105.9156**.

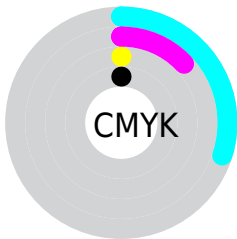
Distribution



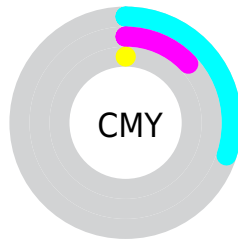
- Red (70%)
- Green (87%)
- Blue (100%)



- Red (70%)
- Yellow (81%)
- Blue (100%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5314, 68.9275, 104.6163 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 62.5314, 68.9275, 104.6163 by changing the saturation by 10% instead.

■ 62.5314, 68.9275,
104.6163

■ 62.5314, 68.9275,
104.6163

423.5536,
456.7752, 596.2664

■ 45.7194, 50.6527,
79.5231

■ 107.5788,
117.6780, 169.5937

■ 32.2282, 35.9323,
58.8021

136.5449,
148.9225, 210.3150

■ 21.6922, 24.3819,
42.0349

170.2932,
185.2590, 257.0826

■ 13.7463, 15.6171,
28.8028

209.1889,
227.0718, 310.3153

■ 8.0249, 9.2536,
18.6874

253.5975,
274.7455, 370.4314

■ 4.1628, 4.9070,
11.2701

303.8842,

■ 1.7947, 2.1928,

328.6644, 437.8496

6.1324

360.4144,
389.2128, 512.9884

■ 0.5145, 0.7161,
2.8556

■ 0.0000, 0.0000,
1.0214

■ 62.5314, 68.9275,
104.6163

■ 62.5314, 68.9275,
104.6163

■ 54.4066, 60.5706,
103.4315

■ 71.9356, 78.2266,
105.9156

■ 47.4917, 53.1097,
102.3559

■ 82.6727, 88.4955,
107.3318

■ 41.7185, 46.5061,
101.3855

94.7999, 99.7704,
108.8689

■ 37.0096, 40.7142,
100.5158

95.0500, 100.0000,
108.9000

■ 33.2761, 35.6825,
99.7413

■ 30.4130, 31.3508,
99.0561

■ 28.2862, 27.6923,
98.4621

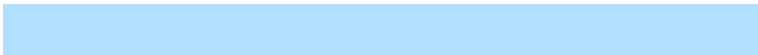
Harmonies

Analogous

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



58.5511, 68.9275, 95.1018



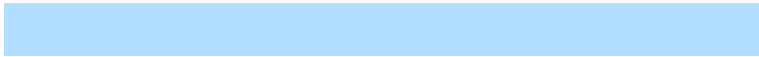
62.5314, 68.9275, 104.6163



67.5127, 68.9275, 105.6244

Triad

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



62.5314, 68.9275, 104.6163



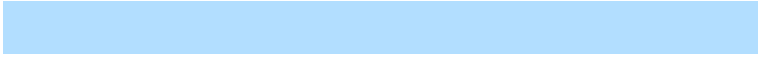
75.4638, 68.9275, 69.5236



59.2667, 68.9275, 56.2023

Complementary

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



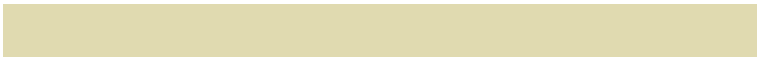
62.5314, 68.9275, 104.6163



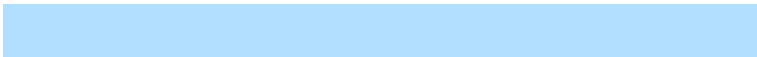
72.5704, 71.0629, 52.0131

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.



63.5542, 68.9275, 51.0312



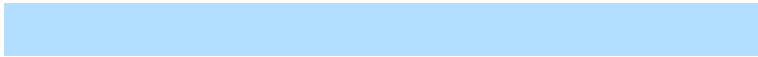
62.5314, 68.9275, 104.6163



73.0071, 68.9275, 58.0362

Square

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



62.5314, 68.9275, 104.6163



75.1552, 68.9275, 84.0623



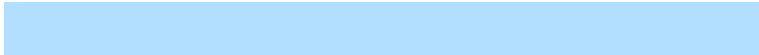
68.5890, 68.9275, 51.6564



56.7338, 68.9275, 66.7066

Rectangle

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



62.5314, 68.9275, 104.6163



70.7512, 68.9275, 101.1957



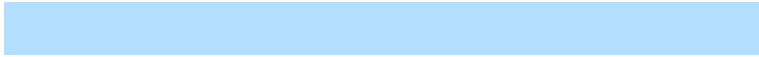
68.5890, 68.9275, 51.6564



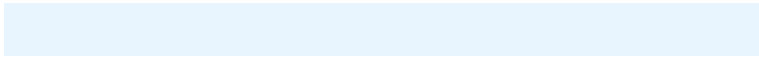
60.5410, 68.9275, 53.8473

Sweetspot

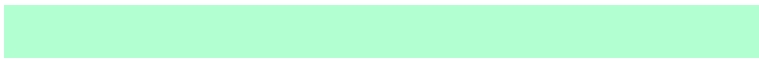
The Sweet Spot groups the original color and five complimentary colors.



62.5333, 68.9301, 104.6167



84.0473, 89.7889, 107.5090



65.7645, 85.6428, 74.0932



17.6318, 18.8818, 22.9652



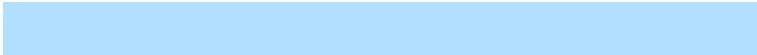
0.0000, 0.0000, 0.0000



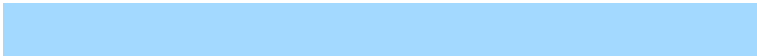
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5333, 68.9301, 104.6167



57.6641, 63.9654, 103.9151



53.6389, 51.1412, 101.6519



17.8648, 19.1012, 22.9953



14.9313, 14.7723, 51.4989



1.5623, 1.6553, 5.0504

Inverse Universe

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



70.3465, 58.3764, 76.6702



66.7235, 52.4658, 71.3458



83.0234, 91.9688, 55.4974



18.4444, 18.1611, 20.9574



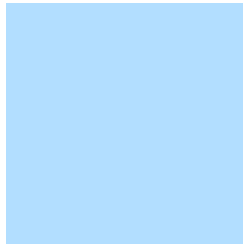
24.3248, 12.2192, 15.6270



2.4232, 1.2116, 1.8099

Previews

White Background



This preview shows how the XYZ color 62.5314, 68.9275, 104.6163 looks on a white background.

Color Contrast Check

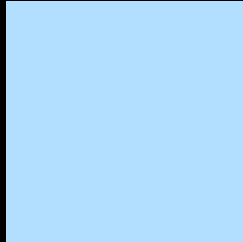
Large Text (above 18pt) WCAG AA × Fail

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 62.5314, 68.9275, 104.6163 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

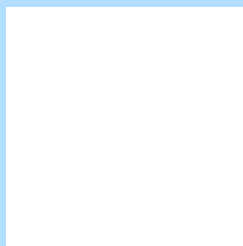
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5314, 68.9275, 104.6163

Background



This preview shows how black text looks on a background with the XYZ color 62.5314, 68.9275, 104.6163.



This preview shows how white text looks on a background with the XYZ color 62.5314, 68.9275,

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

62.5314, 68.9275, 104.6163

Protanopia

67.5964, 68.5506, 100.1114

Deuteranopia

69.6632, 68.4075, 104.1401



Tritanopia

60.3619, 68.8361, 94.1097

Trichromacy



Original Color

62.5314, 68.9275, 104.6163

Protanomaly

65.6722, 68.6597, 101.8868

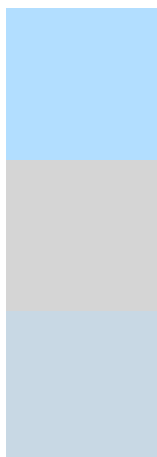
Deuteranomaly

66.7076, 68.3774, 104.2900

Tritanomaly

61.0807, 68.7209, 98.0408

Monochromacy



Original Color

62.5314, 68.9275, 104.6163

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.3789, 66.9925, 83.0419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5314, 68.9275, 104.6163 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(178, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 222, 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(178, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.5314, 68.9275, 104.6163 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(178, 222, 255) }
```


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

```
.border{ border-color:rgb(178, 222, 255) }
```

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

Here you see how a box with a 4 pixel rgb(178, 222, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5314, 68.9275, 104.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 222, 255) }
```

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

```
.background{ background-color: rgb(178,  
222, 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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