

Converting Colors

XYZ(62.2404, 65.1590,
110.0717)

Have a look what the booklet for
XYZ(62.2404, 65.1590, 110.0717)
contains.

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Color

**XYZ(61.1357, 64.7536,
103.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D5FF
RGB	182, 213, 255
RGB Percent	71%, 84%, 100%
CMY	0.2863, 0.1647, 0.0000
CMYK	0.29, 0.16, 0.00, 0.00
HSL	215°, 100%, 86%
HSV	215°, 29%, 100%
XYZ	61.1357, 64.7536, 103.8842
YIQ	208.5190, -31.9580, 6.4900

Conversions

Conversions Part 2

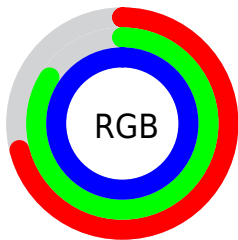
Format	Color
R _Y B	182, 204, 255
Decimal	11982335
CIE Lab	84.36, -0.96, -23.86
CIE LCh	84, 23.882, 267.686
Yxy	64.7536, 0.2661, 0.2818
Android (android.graphics.Color)	4290172415 (0xFFB6D5FF)
YUV	208.5190, 22.9151, -23.2572
Hunter-Lab	80.4696, -5.2089, -20.2131

Details

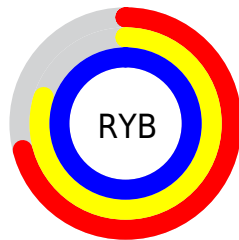
The XYZ color **61.1357, 64.7536, 103.8842** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.3394, 77.9486, 55.2800**, and the grayscale version is **60.1633, 63.2965, 68.9299**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **31.1723, 33.0430, 58.1611** is the 20% darker color. If you saturate the color by 10%, you get **52.1284, 54.8791, 102.4530**, and if you desaturate by 10%, it is **71.5770, 75.8660, 105.4788**.

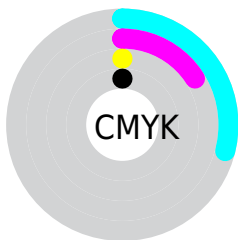
Distribution



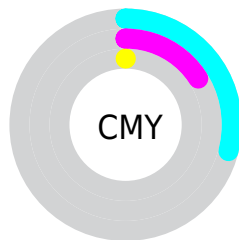
- Red (71%)
- Green (84%)
- Blue (100%)



- Red (71%)
- Yellow (80%)
- Blue (100%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1357, 64.7536, 103.8842 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 61.1357, 64.7536, 103.8842 by changing the saturation by 10% instead.

■ 61.1357, 64.7536,
103.8842

■ 61.1357, 64.7536,
103.8842

418.5393,
441.9060, 593.9280

■ 44.5876, 47.2613,
78.9134

■ 105.5724,
111.6955, 168.5831

■ 31.3326, 33.2423,
58.3037

134.1918,
141.9140, 209.1482

■ 21.0054, 22.3121,
41.6366

167.5656,
177.1432, 255.7487

■ 13.2404, 14.0864,
28.4934

206.0592,
217.7678, 308.8028

■ 7.6724, 8.1808,
18.4556

250.0381,
264.1719, 368.7293

■ 3.9361, 4.2109,
11.1048

299.8675,

■ 1.6660, 1.7922,

316.7400, 435.9466

6.0223

355.9128,
375.8566, 510.8734

■ 0.4349, 0.4823,
2.7896

■ 0.0000, 0.0000,
0.9883

■ 61.1357, 64.7536,
103.8842

■ 61.1357, 64.7536,
103.8842

■ 52.1284, 54.8791,
102.4530

■ 71.5770, 75.8660,
105.4788

■ 44.4812, 46.1867,
101.1783

■ 83.5104, 88.2542,
107.2410

■ 38.1216, 38.6270,
100.0543

95.0500, 100.0000,
108.9000

■ 32.9674, 32.1433,
99.0744

■ 28.9257, 26.6727,
98.2315

■ 25.8880, 22.1437,
97.5175

■ 23.7033, 18.4616,
96.9219

■ 23.4437, 18.0074,
96.8479

Harmonies

Analogous

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



56.2564, 64.7536, 98.1688



61.1357, 64.7536, 103.8842



66.4052, 64.7536, 99.6459

Triad

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



61.1357, 64.7536, 103.8842



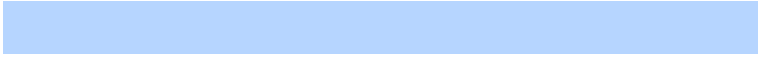
71.0216, 64.7536, 57.7924



53.3269, 64.7536, 56.0227

Complementary

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



61.1357, 64.7536, 103.8842



76.3394, 77.9486, 55.2800

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.



56.9305, 64.7536, 47.6847



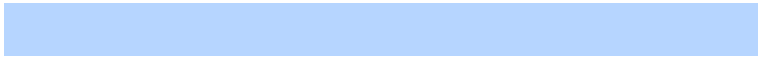
61.1357, 64.7536, 103.8842



67.1580, 64.7536, 48.5987

Square

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



61.1357, 64.7536, 103.8842



72.3041, 64.7536, 71.6910



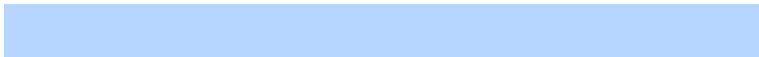
61.9588, 64.7536, 45.1731



51.9124, 64.7536, 69.3335

Rectangle

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



61.1357, 64.7536, 103.8842



69.3963, 64.7536, 92.0418



61.9588, 64.7536, 45.1731



54.3119, 64.7536, 52.6218

Sweetspot

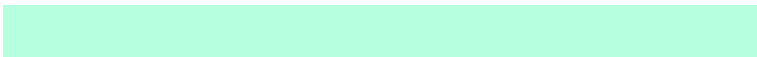
The Sweet Spot groups the original color and five complimentary colors.



61.1375, 64.7561, 103.8846



83.0365, 87.7674, 107.1720



68.4213, 86.8131, 83.2230



17.3830, 18.3842, 22.8823



0.0000, 0.0000, 0.0000



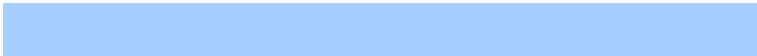
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1375, 64.7561, 103.8846



56.1225, 59.2980, 103.0954



55.2404, 51.2258, 101.5838



17.6371, 18.6459, 22.9194



12.3904, 9.6904, 50.6520



1.3119, 1.1546, 4.9670

Inverse Universe

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



69.9795, 59.5217, 70.7540



66.3320, 53.7898, 64.7201



83.6761, 95.2462, 58.2321



18.3295, 18.1151, 20.3523



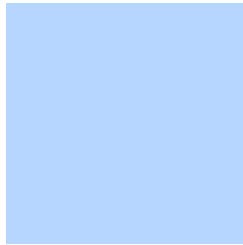
23.0423, 11.7062, 8.8732



2.2968, 1.1611, 1.1444

Previews

White Background



This preview shows how the XYZ color 61.1357, 64.7536, 103.8842 looks on a white background.

Color Contrast Check

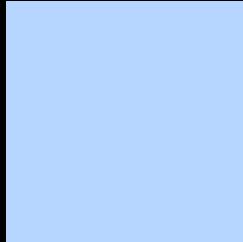
Large Text (above 18pt) WCAG AA × Fail

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 61.1357, 64.7536, 103.8842 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

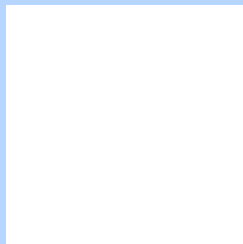
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1357, 64.7536, 103.8842

Background



This preview shows how black text looks on a background with the XYZ color 61.1357, 64.7536, 103.8842.



This preview shows how white text looks on a background with the XYZ color 61.1357, 64.7536,

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

61.1357, 64.7536, 103.8842

Protanopia

64.2140, 64.5575, 101.1719

Deuteranopia

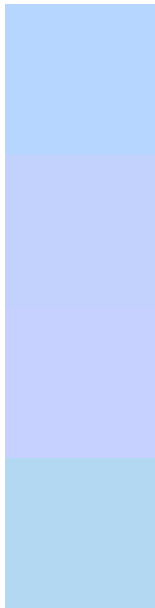
65.8534, 64.6280, 103.6113



Tritanopia

57.7956, 64.9133, 87.3253

Trichromacy



Original Color

61.1357, 64.7536, 103.8842

Protanomaly

63.0243, 64.6544, 102.0863

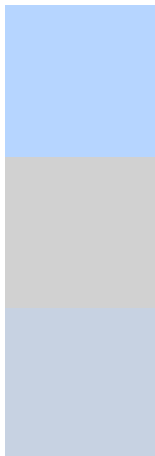
Deuteranomaly

64.1392, 64.8267, 103.7400

Tritanomaly

59.1733, 65.1062, 93.4524

Monochromacy



Original Color

61.1357, 64.7536, 103.8842

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3272, 63.7263, 81.0723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1357, 64.7536, 103.8842 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(182, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 213, 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(182, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1357, 64.7536, 103.8842 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(182, 213, 255) }
```


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

```
.border{ border-color:rgb(182, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1357, 64.7536, 103.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 213, 255) }
```

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

```
.background{ background-color: rgb(182,  
213, 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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