

Converting Colors

XYZ(63.9785, 66.1668,
116.6335)

Have a look what the booklet for
XYZ(63.9785, 66.1668, 116.6335)
contains.

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Color

**XYZ(61.6250, 65.3804,
103.9794)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D6FF
RGB	183, 214, 255
RGB Percent	72%, 84%, 100%
CMY	0.2823, 0.1608, 0.0000
CMYK	0.28, 0.16, 0.00, 0.00
HSL	214°, 100%, 86%
HSV	214°, 28%, 100%
XYZ	61.6250, 65.3804, 103.9794
YIQ	209.4050, -31.6370, 6.1790

Conversions

Conversions Part 2

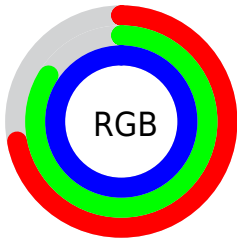
Format	Color
R _Y B	183, 205, 255
Decimal	12048127
CIE Lab	84.68, -1.21, -23.37
CIE LCh	85, 23.397, 267.043
Yxy	65.3804, 0.2668, 0.2831
Android (android.graphics.Color)	4290238207 (0xFFB7D6FF)
YUV	209.4050, 22.4783, -23.1572
Hunter-Lab	80.8581, -5.4603, -19.6432

Details

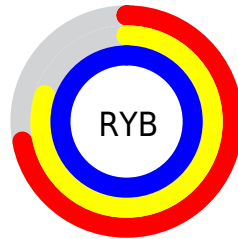
The XYZ color **61.6250, 65.3804, 103.9794** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.4430, 77.9899, 55.8262**, and the grayscale version is **60.7429, 63.9062, 69.5939**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **31.4933, 33.4627, 58.2252** is the 20% darker color. If you saturate the color by 10%, you get **52.5880, 55.5088, 102.5503**, and if you desaturate by 10%, it is **72.0920, 76.4786, 105.5699**.

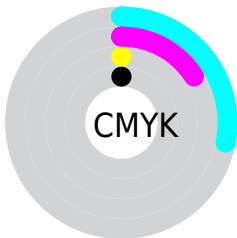
Distribution



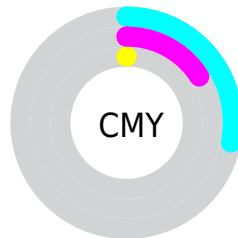
- Red (72%)
- Green (84%)
- Blue (100%)



- Red (72%)
- Yellow (80%)
- 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 61.6250, 65.3804, 103.9794 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 61.6250, 65.3804, 103.9794 by changing the saturation by 10% instead.

■ 61.6250, 65.3804,
103.9794

■ 61.6250, 65.3804,
103.9794

420.3013,
444.1577, 594.2323

■ 44.9842, 47.7696,
78.9927

■ 106.2764,
112.5966, 168.7145

■ 31.6462, 33.6445,
58.3685

135.0177,
142.9707, 209.3000

■ 21.2457, 22.6206,
41.6883

168.5232,
178.3682, 255.9222

■ 13.4172, 14.3136,
28.5336

207.1582,
219.1732, 308.9996

■ 7.7954, 8.3391,
18.4857

251.2882,
265.7703, 368.9508

■ 4.0150, 4.3127,
11.1262

301.2785,

■ 1.7106, 1.8500,

318.5438, 436.1943

6.0366

357.4944,
377.8781, 511.1486

■ 0.4629, 0.5180,
2.7982

■ 0.0000, 0.0000,
0.9925

■ 61.6250, 65.3804,
103.9794

■ 61.6250, 65.3804,
103.9794

■ 52.5880, 55.5088,
102.5503

■ 72.0920, 76.4786,
105.5699

■ 44.9077, 46.8087,
101.2758

■ 84.0466, 88.8407,
107.3260

■ 38.5120, 39.2313,
100.1503

95.0500, 100.0000,
108.9000

■ 33.3193, 32.7209,
99.1674

■ 29.2378, 27.2156,
98.3199

■ 26.1599, 22.6448,
97.5999

■ 23.9408, 18.9178,
96.9974

■ 23.6043, 18.3286,
96.9014

Harmonies

Analogous

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



56.8329, 65.3804, 98.1767



61.6250, 65.3804, 103.9794



66.8249, 65.3804, 100.0283

Triad

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



61.6250, 65.3804, 103.9794



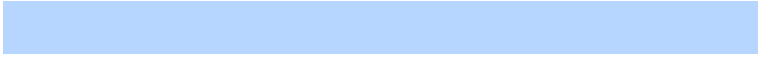
71.5313, 65.3804, 58.8860



54.0841, 65.3804, 56.6483

Complementary

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



61.6250, 65.3804, 103.9794



76.4430, 77.9899, 55.8262

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.



57.6833, 65.3804, 48.5040



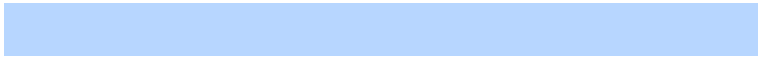
61.6250, 65.3804, 103.9794



67.7721, 65.3804, 49.6631

Square

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



61.6250, 65.3804, 103.9794



72.7302, 65.3804, 72.6836



62.6621, 65.3804, 46.1364



52.6350, 65.3804, 69.7134

Rectangle

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



61.6250, 65.3804, 103.9794



69.7924, 65.3804, 92.6615



62.6621, 65.3804, 46.1364



55.0724, 65.3804, 53.3184

Sweetspot

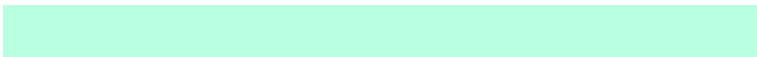
The Sweet Spot groups the original color and five complimentary colors.



61.6269, 65.3829, 103.9798



84.3446, 89.1454, 107.3691



68.7169, 86.9587, 83.5429



17.6462, 18.6640, 22.9224



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.



61.6269, 65.3829, 103.9798



56.2452, 59.5433, 103.1363



55.6748, 51.7547, 101.6630



17.6462, 18.6640, 22.9224



12.4752, 9.8601, 50.6802



1.3206, 1.1720, 4.9699

Inverse Universe

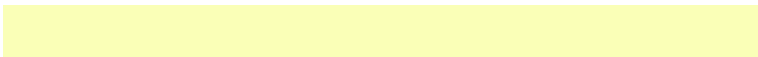
The Inverse Universe completely reimagines the original color for something new.



70.3123, 59.9836, 71.4932



66.3940, 53.8145, 65.0462



83.8037, 95.3000, 58.7794



18.3341, 18.1169, 20.3764



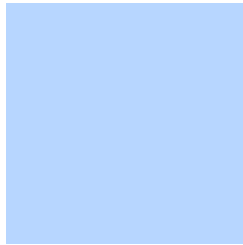
23.0851, 11.7233, 9.0987



2.3012, 1.1629, 1.1676

Previews

White Background



This preview shows how the XYZ color 61.6250, 65.3804, 103.9794 looks on a white background.

Color Contrast Check

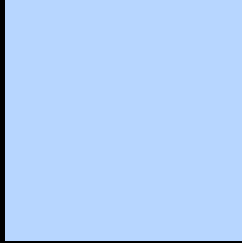
Large Text (above 18pt) WCAG AA × Fail

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 61.6250, 65.3804, 103.9794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

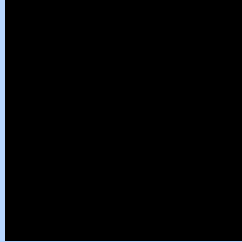
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

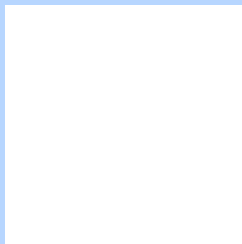
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6250, 65.3804, 103.9794

Background



This preview shows how black text looks on a background with the XYZ color 61.6250, 65.3804, 103.9794.



This preview shows how white text looks on a background with the XYZ color 61.6250, 65.3804,

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

61.6250, 65.3804, 103.9794

Protanopia

64.7283, 65.1858, 101.2660

Deuteranopia

66.6573, 65.4010, 103.7182



Tritanopia

58.3987, 65.2076, 88.1056

Trichromacy



Original Color

61.6250, 65.3804, 103.9794

Protanomaly

63.5296, 65.2825, 102.1809

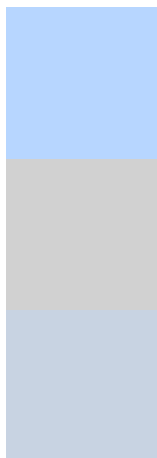
Deuteranomaly

64.9160, 65.5925, 103.8469

Tritanomaly

59.4053, 65.2258, 93.4633

Monochromacy



Original Color

61.6250, 65.3804, 103.9794

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8412, 64.3589, 81.1673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6250, 65.3804, 103.9794 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(183, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 214, 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(183, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6250, 65.3804, 103.9794 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(183, 214, 255) }
```


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

```
.border{ border-color:rgb(183, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6250, 65.3804, 103.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 214, 255) }
```

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

```
.background{ background-color: rgb(183,  
214, 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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