

Converting Colors

XYZ(61.6980, 65.6662, 97.7021)

Have a look what the booklet for
XYZ(61.6980, 65.6662, 97.7021)
contains.

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Color

**XYZ(61.5741, 65.4999,
97.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD6F7
RGB	188, 214, 247
RGB Percent	74%, 84%, 97%
CMY	0.2627, 0.1608, 0.0314
CMYK	0.24, 0.13, 0.00, 0.03
HSL	214°, 79%, 85%
HSV	214°, 24%, 97%
XYZ	61.5741, 65.4999, 97.3931
YIQ	209.9880, -26.0890, 4.7510

Conversions

Conversions Part 2

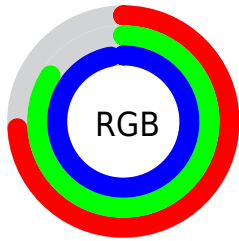
Format	Color
R _Y B	188, 206, 247
Decimal	12375799
CIE Lab	84.74, -1.59, -19.01
CIE LCh	85, 19.078, 265.218
Yxy	65.4999, 0.2743, 0.2918
Android (android.graphics.Color)	4290565879 (0xFFBCD6F7)
YUV	209.9880, 18.2469, -19.2835
Hunter-Lab	80.9320, -5.8259, -14.6968

Details

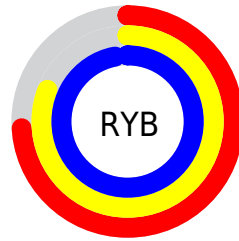
The XYZ color **61.5741, 65.4999, 97.3931** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.2921, 75.1182, 58.2150**, and the grayscale version is **61.1486, 64.3331, 70.0588**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **31.6336, 33.6262, 54.1134** is the 20% darker color. If you saturate the color by 10%, you get **52.6533, 55.9306, 96.0173**, and if you desaturate by 10%, it is **71.8368, 76.2044, 98.9195**.

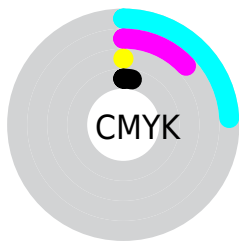
Distribution



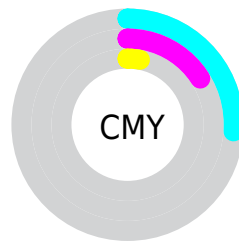
- Red (74%)
- Green (84%)
- Blue (97%)



- Red (74%)
- Yellow (81%)
- Blue (97%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5741, 65.4999, 97.3931 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 61.5741, 65.4999, 97.3931 by changing the saturation by 10% instead.

■ 61.5741, 65.4999,
97.3931

■ 61.5741, 65.4999,
97.3931

420.1182,
444.5862, 572.9771

■ 44.9429, 47.8665,
73.5205

■ 106.2032,
112.7683, 159.5906

■ 31.6136, 33.7212,
53.9073

134.9318,
143.1720, 198.7525

■ 21.2206, 22.6795,
38.1349

168.4236,
178.6014, 243.8480

■ 13.3988, 14.3570,
25.7847

207.0440,
219.4408, 295.2955

■ 7.7826, 8.3694,
16.4383

251.1583,
266.0746, 353.5136

■ 4.0068, 4.3322,
9.6772

301.1318,

■ 1.7060, 1.8611,

318.8872, 418.9209

5.0826

357.3300,
378.2629, 491.9359

0.4600, 0.5248,
2.2362

0.0000, 0.0000,
0.6952

61.5741, 65.4999,
97.3931

61.5741, 65.4999,
97.3931

52.6533, 55.9306,
96.0173

71.8368, 76.2044,
98.9195

45.0080, 47.4465,
94.7827

83.4916, 88.0756,
100.5966

38.5750, 40.0054,
93.6854

93.7887, 99.4955,
102.2581

33.2826, 33.5586,
92.7200

■ 29.0509, 28.0525,
91.8803

■ 25.7882, 23.4269,
91.1594

■ 23.3841, 19.6113,
90.5496

■ 22.2421, 17.6223,
90.2259

Harmonies

Analogous

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



57.6911, 65.4999, 92.4129



61.5741, 65.4999, 97.3931



65.8176, 65.4999, 94.7611

Triad

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



61.5741, 65.4999, 97.3931



69.9781, 65.4999, 61.7671



55.7566, 65.4999, 58.7349

Complementary

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



61.5741, 65.4999, 97.3931



73.2921, 75.1182, 58.2150

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.



58.8247, 65.4999, 52.1006



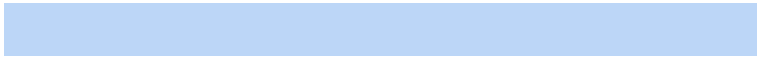
61.5741, 65.4999, 97.3931



67.0549, 65.4999, 53.7060

Square

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



61.5741, 65.4999, 97.3931



70.7958, 65.4999, 73.2954



62.9423, 65.4999, 50.3698



54.4315, 65.4999, 69.3770

Rectangle

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



61.5741, 65.4999, 97.3931



68.2634, 65.4999, 89.1858



62.9423, 65.4999, 50.3698



56.6113, 65.4999, 56.0123

Sweetspot

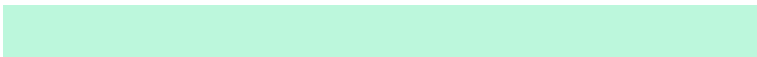
The Sweet Spot groups the original color and five complimentary colors.



61.5761, 65.5025, 97.3946



85.6826, 90.5653, 107.5726



66.9792, 82.4054, 80.4001



18.1744, 19.2169, 23.0013



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.



61.5761, 65.5025, 97.3946



61.0735, 64.9613, 103.9276



56.2465, 53.7534, 95.4077



16.1822, 17.1286, 20.9958



11.8991, 9.5920, 47.7623



1.1464, 1.0442, 4.2314

Inverse Universe

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



68.4802, 60.5973, 71.7084



69.8658, 59.1648, 71.1157



79.6646, 89.3956, 60.6349



16.8025, 16.6039, 18.7067



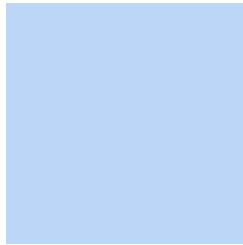
21.8106, 11.0677, 8.9771



1.9677, 0.9930, 1.0564

Previews

White Background



This preview shows how the XYZ color 61.5741, 65.4999, 97.3931 looks on a white background.

Color Contrast Check

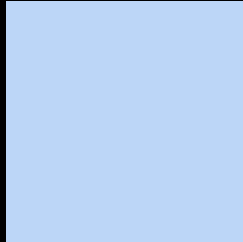
Large Text (above 18pt) WCAG AA × Fail

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 61.5741, 65.4999, 97.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

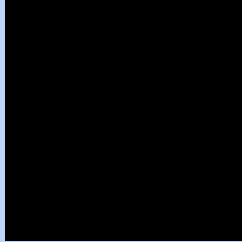
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

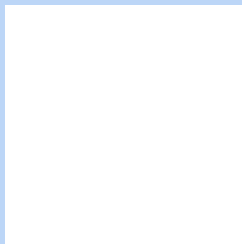
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5741, 65.4999, 97.3931

Background



This preview shows how black text looks on a background with the XYZ color 61.5741, 65.4999, 97.3931.



This preview shows how white text looks on a background with the XYZ color 61.5741, 65.4999,

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

61.5741, 65.4999, 97.3931

Protanopia

64.3064, 65.1117, 94.7665

Deuteranopia

66.9017, 65.2783, 98.6964



Tritanopia

59.4147, 65.3665, 87.3274

Trichromacy



Original Color

61.5741, 65.4999, 97.3931

Protanomaly

63.3289, 65.3232, 95.6571

Deuteranomaly

64.9206, 65.3574, 98.0005

Tritanomaly

60.1301, 65.2720, 91.0909

Monochromacy



Original Color

61.5741, 65.4999, 97.3931

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9707, 64.4728, 79.0430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5741, 65.4999, 97.3931 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(188, 214, 247)` looks like.

```
.text, #text, p{  
    color:rgb(188, 214, 247)  
}
```

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(188, 214, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 214, 247) }
```

Border

The CSS property to change the border of an element to XYZ 61.5741, 65.4999, 97.3931 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(188, 214, 247) }
```


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

```
.border{ border-color:rgb(188, 214, 247) }
```

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

Here you see how a box with a 4 pixel rgb(188, 214, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 214, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 214, 247);  
box-shadow:4px 4px 4px 4px rgb(188, 214,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5741, 65.4999, 97.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 214, 247) }
```

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

```
.background{ background-color: rgb(188,  
214, 247) }
```

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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