

Converting Colors

XYZ(61.6879, 64.9371,
100.5490)

Have a look what the booklet for
XYZ(61.6879, 64.9371, 100.5490)
contains.

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Color

**XYZ(61.7004, 65.1183,
100.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD5FB
RGB	187, 213, 251
RGB Percent	73%, 84%, 98%
CMY	0.2667, 0.1647, 0.0157
CMYK	0.25, 0.15, 0.00, 0.02
HSL	216°, 89%, 86%
HSV	216°, 25%, 98%
XYZ	61.7004, 65.1183, 100.5839
YIQ	209.5580, -27.6940, 6.3060

Conversions

Conversions Part 2

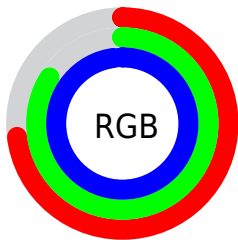
Format	Color
R _Y B	187, 205, 251
Decimal	12310011
CIE Lab	84.54, -0.45, -21.43
CIE LCh	85, 21.436, 268.797
Yxy	65.1183, 0.2713, 0.2864
Android (android.graphics.Color)	4290500091 (0xFFBBD5FB)
YUV	209.5580, 20.4309, -19.7834
Hunter-Lab	80.6959, -4.7361, -17.4152

Details

The XYZ color **61.7004, 65.1183, 100.5839** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.6795, 77.9482, 58.0724**, and the grayscale version is **60.8541, 64.0232, 69.7213**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **31.6373, 33.3353, 55.8058** is the 20% darker color. If you saturate the color by 10%, you get **52.5107, 55.0710, 99.1300**, and if you desaturate by 10%, it is **72.3118, 76.4130, 102.2058**.

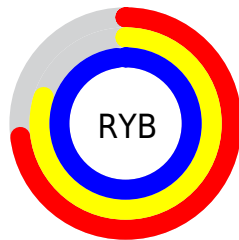
Distribution



Red (73%)

Green (84%)

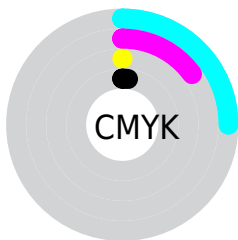
Blue (98%)



Red (73%)

Yellow (80%)

Blue (98%)

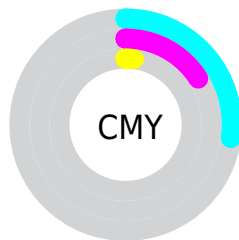


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7004, 65.1183, 100.5839 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 61.7004, 65.1183, 100.5839 by changing the saturation by 10% instead.

■ 61.7004, 65.1183,
100.5839

■ 61.7004, 65.1183,
100.5839

420.5724,
443.2170, 583.3258

■ 45.0453, 47.5570,
76.1687

■ 106.3848,
112.2199, 164.0182

■ 31.6946, 33.4762,
56.0633

135.1448,
142.5290, 203.8744

■ 21.2827, 22.4915,
39.8494

168.6706,
177.8562, 249.7147

■ 13.4445, 14.2185,
27.1082

207.3274,
218.5859, 301.9575

■ 7.8144, 8.2728,
17.4214

251.4806,
265.1024, 361.0215

■ 4.0272, 4.2700,
10.3702

301.4956,

■ 1.7176, 1.8257,

317.7901, 427.3252

5.5363

357.7378,
377.0335, 501.2871

■ 0.4672, 0.5031,
2.5011

■ 0.0000, 0.0000,
0.8407

■ 61.7004, 65.1183,
100.5839

■ 61.7004, 65.1183,
100.5839

■ 52.5107, 55.0710,
99.1300

■ 72.3118, 76.4130,
102.2058

■ 44.6716, 46.2160,
97.8340

■ 84.3994, 88.9918,
103.9967

■ 38.1146, 38.5052,
96.6913

■ 94.4128, 99.7451,
105.5445

■ 32.7621, 31.8839,
95.6953

■ 28.5275, 26.2915,
94.8391

■ 25.3107, 21.6599,
94.1146

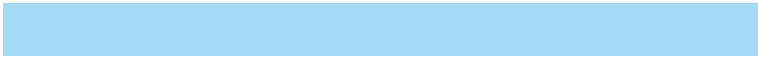
■ 22.9900, 17.9087,
93.5129

■ 22.1617, 16.4630,
93.2775

Harmonies

Analogous

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



57.2560, 65.1183, 95.8632



61.7004, 65.1183, 100.5839



66.4232, 65.1183, 96.5399

Triad

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



61.7004, 65.1183, 100.5839



70.2950, 65.1183, 58.9725



54.3653, 65.1183, 58.1307

Complementary

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



61.7004, 65.1183, 100.5839



75.6795, 77.9482, 58.0724

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.



57.5736, 65.1183, 50.2609



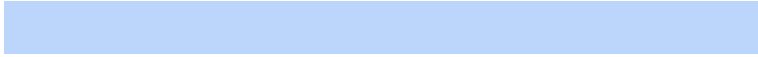
61.7004, 65.1183, 100.5839



66.7739, 65.1183, 50.7011

Square

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



61.7004, 65.1183, 100.5839



71.5364, 65.1183, 71.4563



62.0860, 65.1183, 47.7234



53.1577, 65.1183, 70.3521

Rectangle

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



61.7004, 65.1183, 100.5839



69.0631, 65.1183, 89.6782



62.0860, 65.1183, 47.7234



55.2371, 65.1183, 54.9498

Sweetspot

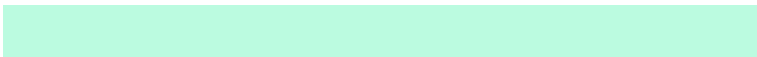
The Sweet Spot groups the original color and five complimentary colors.



61.7024, 65.1209, 100.5854



84.1961, 88.8483, 107.3196



68.4921, 84.9604, 83.5489



17.6089, 18.5894, 22.9100



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.



61.7024, 65.1209, 100.5854



58.5152, 61.5882, 103.4114



57.0074, 53.7577, 98.6395



16.8620, 17.8008, 21.9325



11.7832, 8.9220, 49.0746



1.1924, 1.0285, 4.5789

Inverse Universe

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



69.5659, 60.8559, 71.0334



68.1488, 56.8484, 67.0981



81.3573, 92.1160, 60.5078



17.5369, 17.3421, 19.4170



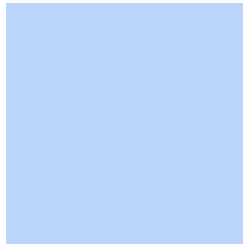
22.2396, 11.3116, 7.9703



2.1108, 1.0681, 1.0069

Previews

White Background



This preview shows how the XYZ color 61.7004, 65.1183, 100.5839 looks on a white background.

Color Contrast Check

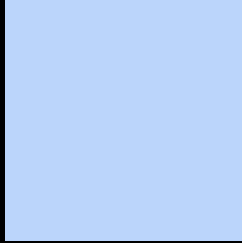
Large Text (above 18pt) WCAG AA × Fail

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 61.7004, 65.1183, 100.5839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

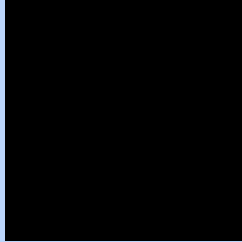
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

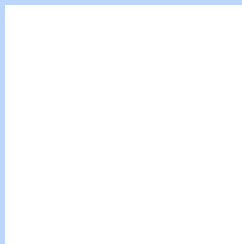
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7004, 65.1183, 100.5839

Background



This preview shows how black text looks on a background with the XYZ color 61.7004, 65.1183, 100.5839.



This preview shows how white text looks on a background with the XYZ color 61.7004, 65.1183,

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

61.7004, 65.1183, 100.5839

Protanopia

64.3723, 65.0747, 97.9748

Deuteranopia

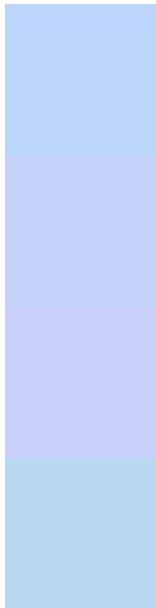
66.2203, 64.8725, 101.1269



Tritanopia

58.7923, 65.0622, 86.5504

Trichromacy



Original Color

61.7004, 65.1183, 100.5839

Protanomaly

63.1714, 64.8031, 98.8013

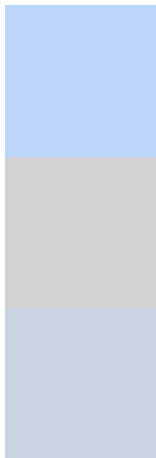
Deuteranomaly

64.7283, 65.1858, 101.2660

Tritanomaly

59.7958, 65.0825, 91.8487

Monochromacy



Original Color

61.7004, 65.1183, 100.5839

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2420, 64.5813, 80.4718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7004, 65.1183, 100.5839 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(187, 213, 251)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 251)  
}
```

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(187, 213, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.7004, 65.1183, 100.5839 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(187, 213, 251) }
```


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

```
.border{ border-color:rgb(187, 213, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 213, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 251);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7004, 65.1183, 100.5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 213, 251) }
```

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

```
.background{ background-color: rgb(187,  
213, 251) }
```

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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