

Converting Colors

XYZ(65.9471, 71.0652,
103.5677)

Have a look what the booklet for
XYZ(65.9471, 71.0652, 103.5677)
contains.

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Color

**XYZ(65.8555, 71.0737,
103.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DFFD
RGB	192, 223, 253
RGB Percent	75%, 87%, 99%
CMY	0.2470, 0.1255, 0.0078
CMYK	0.24, 0.12, 0.00, 0.01
HSL	210°, 94%, 87%
HSV	210°, 24%, 99%
XYZ	65.8555, 71.0737, 103.1761
YIQ	217.1510, -28.1060, 2.7580

Conversions

Conversions Part 2

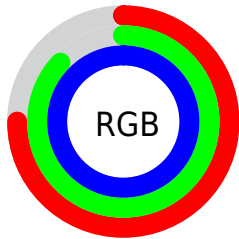
Format	Color
R _{YB}	192, 213, 253
Decimal	12640253
CIE Lab	87.52, -3.77, -17.96
CIE LCh	88, 18.350, 258.144
Yxy	71.0737, 0.2743, 0.2960
Android (android.graphics.Color)	4290830333 (0xFFC0DFFD)
YUV	217.1510, 17.6736, -22.0574
Hunter-Lab	84.3052, -8.0978, -13.5478

Details

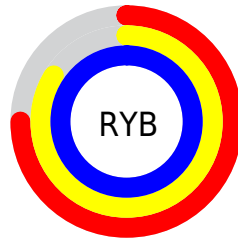
The XYZ color **65.8555, 71.0737, 103.1761** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.1444, 76.9311, 60.7068**, and the grayscale version is **65.9550, 69.3898, 75.5655**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **34.2830, 37.3092, 57.6190** is the 20% darker color. If you saturate the color by 10%, you get **56.7893, 61.6467, 101.8355**, and if you desaturate by 10%, it is **76.2715, 81.5626, 104.6529**.

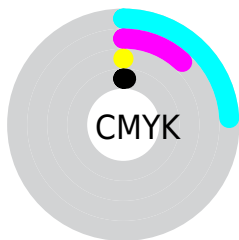
Distribution



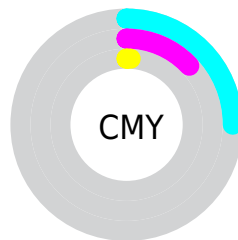
- Red (75%)
- Green (87%)
- Blue (99%)



- Red (75%)
- Yellow (84%)
- Blue (99%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (25%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8555, 71.0737, 103.1761 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 65.8555, 71.0737, 103.1761 by changing the saturation by 10% instead.

■ 65.8555, 71.0737,
103.1761

■ 65.8555, 71.0737,
103.1761

435.3567,
464.3110, 591.6617

■ 48.4224, 52.4023,
78.3241

■ 112.3378,
120.7387, 167.6049

■ 34.3741, 37.3259,
57.8222

142.1177,
152.5011, 208.0187

■ 23.3454, 25.4599,
41.2520

176.7439,
189.3959, 254.4569

■ 14.9709, 16.4200,
28.1948

216.5817,
231.8076, 307.3379

■ 8.8851, 9.8219,
18.2323

261.9965,
280.1206, 367.0804

■ 4.7228, 5.2810,
10.9457

313.3538,

■ 2.1186, 2.4131,

334.7192, 434.1028

5.9166

371.0187,
395.9879, 508.8237

■ 0.6993, 0.8326,
2.7265

■ 0.0000, 0.0000,
0.9567

■ 65.8555, 71.0737,
103.1761

■ 65.8555, 71.0737,
103.1761

■ 56.7893, 61.6467,
101.8355

■ 76.2715, 81.5626,
104.6529

■ 49.0047, 53.2336,
100.6219

■ 88.0881, 93.1420,
106.2651

■ 42.4374, 45.7949,
99.5323

■ 94.7298, 99.8719,
107.2141

■ 37.0140, 39.2845,
98.5615

■ 32.6525, 33.6516,
97.7041

■ 29.2584, 28.8384,
96.9539

■ 26.7172, 24.7765,
96.3038

■ 25.5255, 22.6833,
95.9626

Harmonies

Analogous

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



62.1434, 71.0737, 96.5614



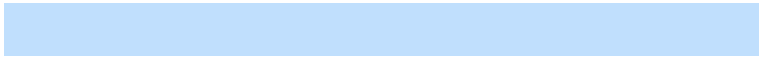
65.8555, 71.0737, 103.1761



70.1821, 71.0737, 102.3575

Triad

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



65.8555, 71.0737, 103.1761



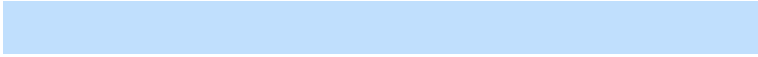
75.7869, 71.0737, 70.1898



61.5340, 71.0737, 62.5280

Complementary

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



65.8555, 71.0737, 103.1761



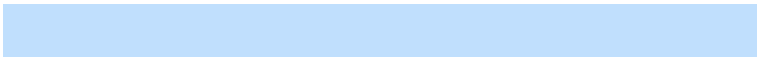
76.1444, 76.9311, 60.7068

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.



64.9912, 71.0737, 56.8489



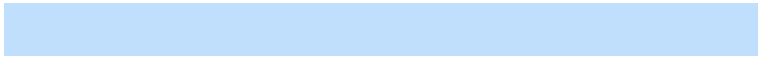
65.8555, 71.0737, 103.1761



73.2686, 71.0737, 60.9357

Square

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



65.8555, 71.0737, 103.1761



76.0426, 71.0737, 82.3955



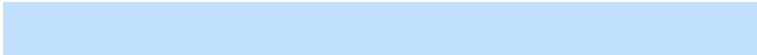
69.2803, 71.0737, 56.2991



59.7208, 71.0737, 72.5860

Rectangle

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



65.8555, 71.0737, 103.1761



72.8329, 71.0737, 97.7180



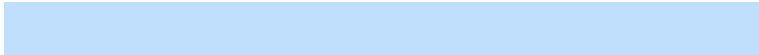
69.2803, 71.0737, 56.2991



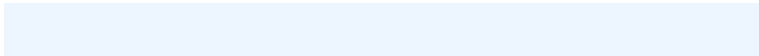
62.5355, 71.0737, 60.0921

Sweetspot

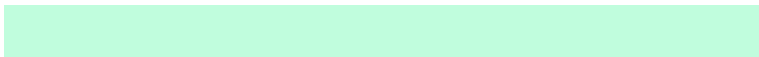
The Sweet Spot groups the original color and five complimentary colors.



65.8577, 71.0766, 103.1777



86.0485, 91.2971, 107.6946



69.9806, 86.7046, 81.7935



18.2591, 19.3863, 23.0295



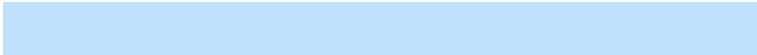
0.0000, 0.0000, 0.0000



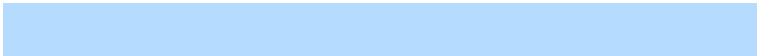
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8577, 71.0766, 103.1777



62.3540, 67.5222, 104.3544



58.5430, 56.4473, 100.7395



17.7662, 18.9040, 22.9624



13.7248, 12.3591, 51.0968



1.4457, 1.4220, 5.0116

Inverse Universe

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



72.6787, 63.9114, 78.3208



70.5121, 59.4233, 74.5191



84.8289, 94.3000, 63.6016



18.3946, 18.1412, 20.6953



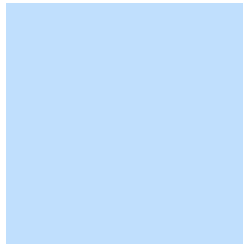
23.7158, 11.9756, 12.4199



2.3643, 1.1881, 1.4999

Previews

White Background



This preview shows how the XYZ color 65.8555, 71.0737, 103.1761 looks on a white background.

Color Contrast Check

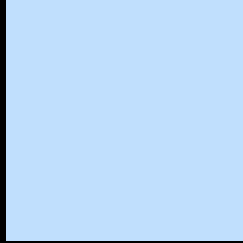
Large Text (above 18pt) WCAG AA × Fail

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 65.8555, 71.0737, 103.1761 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

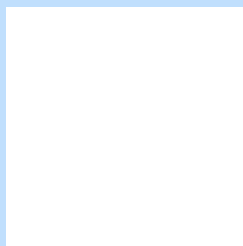
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8555, 71.0737, 103.1761

Background



This preview shows how black text looks on a background with the XYZ color 65.8555, 71.0737, 103.1761.

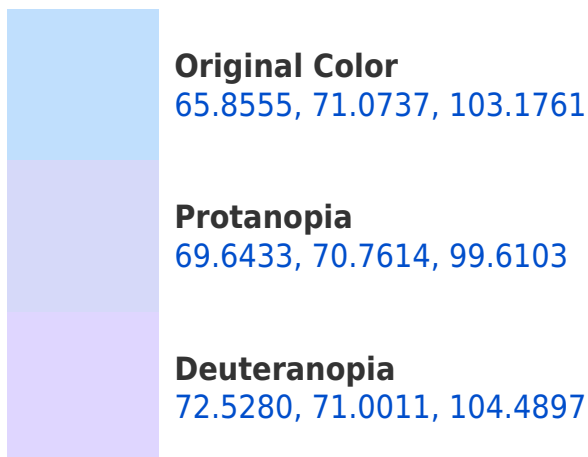


This preview shows how white text looks on a background with the XYZ color 65.8555, 71.0737,

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





Tritanopia

64.3381, 71.2686, 95.1593

Trichromacy



Original Color

65.8555, 71.0737, 103.1761

Protanomaly

68.0404, 70.6870, 100.5003

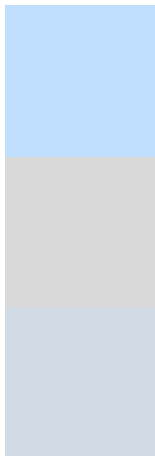
Deuteranomaly

69.8536, 70.7785, 103.7459

Tritanomaly

64.9300, 71.1031, 98.2978

Monochromacy



Original Color

65.8555, 71.0737, 103.1761

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6269, 69.7861, 84.8741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8555, 71.0737, 103.1761 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(192, 223, 253)` looks like.

```
.text, #text, p{  
    color:rgb(192, 223, 253)  
}
```

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(192, 223, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 223, 253) }
```

Border

The CSS property to change the border of an element to XYZ 65.8555, 71.0737, 103.1761 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(192, 223, 253) }
```


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

```
.border{ border-color:rgb(192, 223, 253) }
```

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

Here you see how a box with a 4 pixel rgb(192, 223, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 223, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 223, 253);  
box-shadow:4px 4px 4px 4px rgb(192, 223,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8555, 71.0737, 103.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 223, 253) }
```

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

```
.background{ background-color: rgb(192,  
223, 253) }
```

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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