

Converting Colors

XYZ(65.7574, 74.3291,
105.4889)

Have a look what the booklet for
XYZ(65.7574, 74.3291, 105.4889)
contains.

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Color

**XYZ(65.6820, 74.1956,
105.4671)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E7FF
RGB	181, 231, 255
RGB Percent	71%, 91%, 100%
CMY	0.2902, 0.0941, 0.0000
CMYK	0.29, 0.09, 0.00, 0.00
HSL	199°, 100%, 85%
HSV	199°, 29%, 100%
XYZ	65.6820, 74.1956, 105.4671
YIQ	218.7860, -37.5040, -3.1360

Conversions

Conversions Part 2

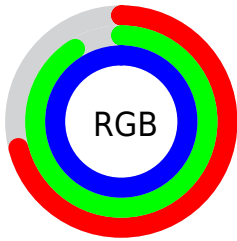
Format	Color
RYB	181, 211, 255
Decimal	11921407
CIELab	89.01, -10.60, -16.83
CIELCh	89, 19.886, 237.793
Yxy	74.1956, 0.2677, 0.3024
Android (android.graphics.Color)	4290111487 (0xFFB5E7FF)
YUV	218.7860, 17.8535, -33.1383
Hunter-Lab	86.1369, -14.6278, -12.2996

Details

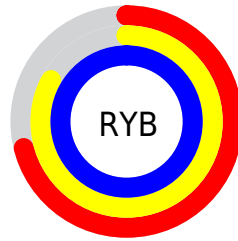
The XYZ color **65.6820, 74.1956, 105.4671** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.4120, 68.2586, 53.1294**, and the grayscale version is **67.0843, 70.5779, 76.8593**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **34.1272, 39.1728, 59.1885** is the 20% darker color. If you saturate the color by 10%, you get **57.9814, 66.8725, 104.4595**, and if you desaturate by 10%, it is **74.5903, 82.3073, 106.5633**.

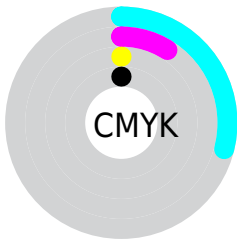
Distribution



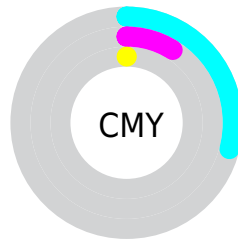
- Red (71%)
- Green (91%)
- Blue (100%)



- Red (71%)
- Yellow (83%)
- Blue (100%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6820, 74.1956, 105.4671 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 65.6820, 74.1956, 105.4671 by changing the saturation by 10% instead.

65.6820, 74.1956,
105.4671

65.6820, 74.1956,
105.4671

434.7453,
475.1482, 598.9778

48.2811, 54.9541,
80.2319

112.0901,
125.1730, 170.7673

34.2617, 39.3650,
59.3819

141.8279,
157.6778, 211.6694

23.2585, 27.0438,
42.4986

176.4087,
195.3725, 258.6309

14.9063, 17.6061,
29.1634

216.1979,
238.6415, 312.0703

8.8395, 10.6676,
18.9578

261.5608,
287.8691, 372.4061

4.6929, 5.8438,
11.4633

312.8628,

2.1011, 2.7503,

343.4399, 440.0570

6.2613

370.4692,
405.7381, 515.4414

■ 0.6898, 1.0028,
2.9333

■ 0.0000, 0.0000,
1.0607

■ 65.6820, 74.1956,
105.4671

■ 65.6820, 74.1956,
105.4671

■ 57.9814, 66.8725,
104.4595

■ 74.5903, 82.3073,
106.5633

■ 51.4212, 60.2955,
103.5358

■ 84.7568, 91.2303,
107.7498

■ 45.9363, 54.4308,
102.6928

95.0500, 100.0000,
108.9000

■ 41.4523, 49.2376,
101.9268

■ 37.8844, 44.6698,
101.2332

■ 35.1322, 40.6733,
100.6068

■ 33.0480, 37.1694,
100.0403

■ 32.8613, 36.8426,
99.9871

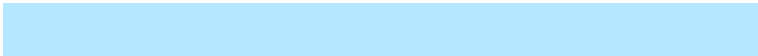
Harmonies

Analogous

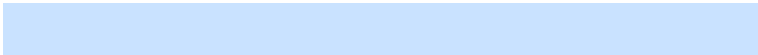
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.6139, 74.1956, 93.8446



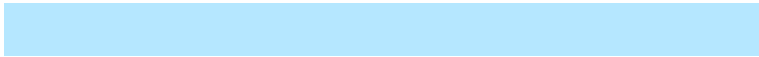
65.6820, 74.1956, 105.4671



70.1634, 74.1956, 110.4114

Triad

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



65.6820, 74.1956, 105.4671



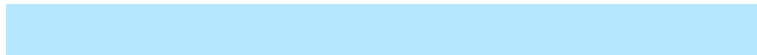
80.2220, 74.1956, 81.8159



66.2751, 74.1956, 59.4523

Complementary

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



65.6820, 74.1956, 105.4671



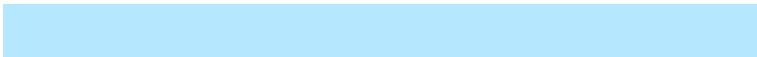
71.4120, 68.2586, 53.1294

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.



70.8792, 74.1956, 56.9999



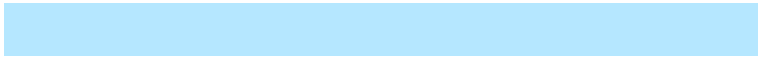
65.6820, 74.1956, 105.4671



79.0666, 74.1956, 68.9995

Square

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



65.6820, 74.1956, 105.4671



78.6810, 74.1956, 95.8204



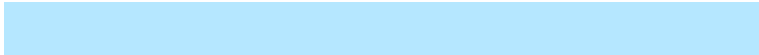
75.5914, 74.1956, 60.2918



62.9451, 74.1956, 67.4134

Rectangle

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



65.6820, 74.1956, 105.4671



73.3992, 74.1956, 108.8748



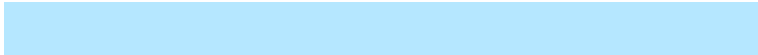
75.5914, 74.1956, 60.2918



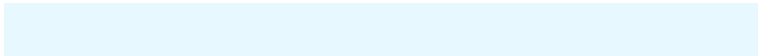
67.7185, 74.1956, 57.9991

Sweetspot

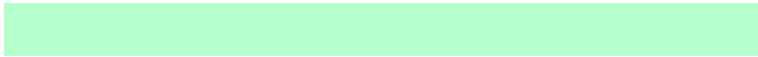
The Sweet Spot groups the original color and five complimentary colors.



65.6840, 74.1985, 105.4676



84.7765, 91.2474, 107.7520



65.7683, 85.7248, 70.4813



17.8118, 19.2417, 23.0252



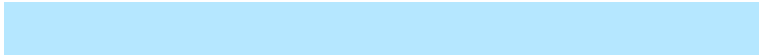
0.0000, 0.0000, 0.0000



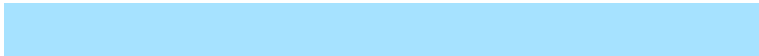
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6840, 74.1985, 105.4676



60.9356, 69.7242, 104.8542



56.5257, 55.8818, 102.4148



18.0292, 19.4300, 23.0501



17.3123, 19.5341, 52.2926



1.7850, 2.1007, 5.1247

Inverse Universe

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



72.1890, 60.0790, 83.3962



68.5662, 53.9358, 78.7900



81.1648, 87.7642, 56.3803



18.5274, 18.1943, 21.3944



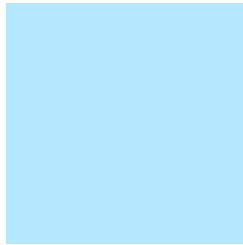
25.5266, 12.6999, 21.9555



2.5356, 1.2566, 2.4018

Previews

White Background



This preview shows how the XYZ color 65.6820, 74.1956, 105.4671 looks on a white background.

Color Contrast Check

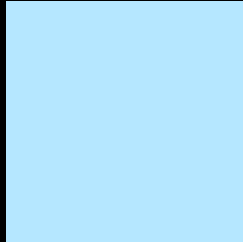
Large Text (above 18pt) WCAG AA × Fail

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 65.6820, 74.1956, 105.4671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

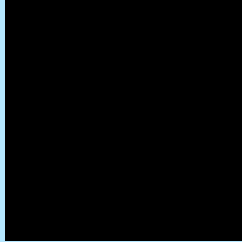
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6820, 74.1956, 105.4671

Background



This preview shows how black text looks on a background with the XYZ color 65.6820, 74.1956, 105.4671.

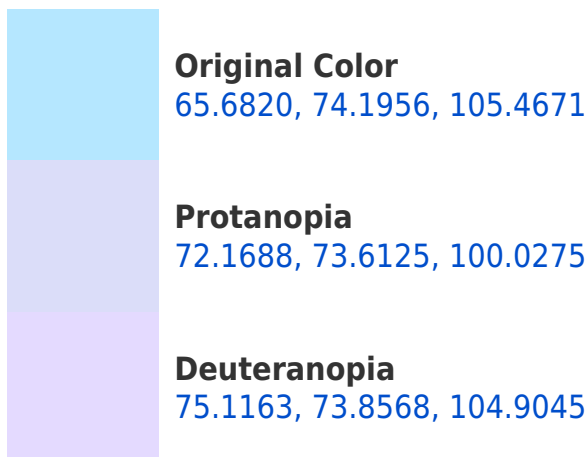


This preview shows how white text looks on a background with the XYZ color 65.6820, 74.1956,

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

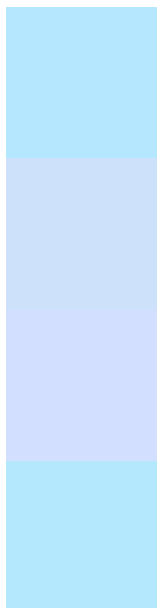




Tritanopia

64.9343, 74.3187, 101.3650

Trichromacy



Original Color

65.6820, 74.1956, 105.4671

Protanomaly

69.5146, 73.7946, 101.8468

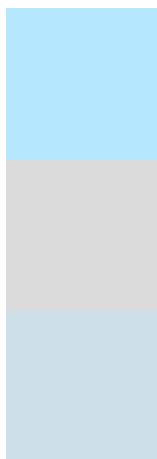
Deuteranomaly

71.3016, 73.8442, 105.1031

Tritanomaly

65.2497, 74.4448, 103.0257

Monochromacy



Original Color

65.6820, 74.1956, 105.4671

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.1300, 71.5807, 86.6750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6820, 74.1956, 105.4671 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(181, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 231, 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(181, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 231, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.6820, 74.1956, 105.4671 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(181, 231, 255) }
```


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

```
.border{ border-color:rgb(181, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 231,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6820, 74.1956, 105.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 231, 255) }
```

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

```
.background{ background-color: rgb(181,  
231, 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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