

Converting Colors

XYZ(72.6552, 76.0086,
144.1015)

Have a look what the booklet for
XYZ(72.6552, 76.0086, 144.1015)
contains.

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Color

**XYZ(65.3607, 73.2037,
105.2926)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E5FF
RGB	182, 229, 255
RGB Percent	71%, 90%, 100%
CMY	0.2863, 0.1019, 0.0000
CMYK	0.29, 0.10, 0.00, 0.00
HSL	201°, 100%, 86%
HSV	201°, 29%, 100%
XYZ	65.3607, 73.2037, 105.2926
YIQ	217.9110, -36.3580, -1.8780

Conversions

Conversions Part 2

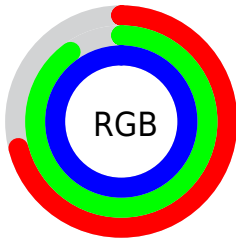
Format	Color
R _Y B	182, 211, 255
Decimal	11986431
CIE Lab	88.54, -9.29, -17.53
CIE LCh	89, 19.839, 242.063
Yxy	73.2037, 0.2680, 0.3002
Android (android.graphics.Color)	4290176511 (0xFFB6E5FF)
YUV	217.9110, 18.2849, -31.4939
Hunter-Lab	85.5592, -13.3681, -13.0733

Details

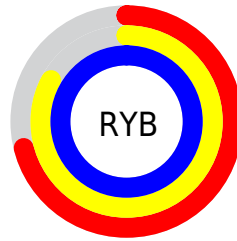
The XYZ color **65.3607, 73.2037, 105.2926** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.2395, 69.7488, 53.9132**, and the grayscale version is **66.4769, 69.9389, 76.1634**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **34.0815, 38.8613, 59.1308** is the 20% darker color. If you saturate the color by 10%, you get **57.4310, 65.4844, 104.2206**, and if you desaturate by 10%, it is **74.5224, 81.7568, 106.4606**.

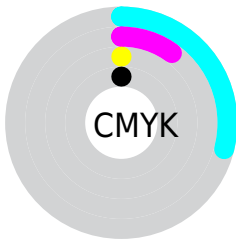
Distribution



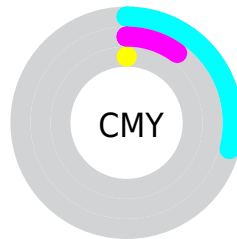
- Red (71%)
- Green (90%)
- Blue (100%)



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



- Cyan (29%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3607, 73.2037, 105.2926 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 65.3607, 73.2037, 105.2926 by changing the saturation by 10% instead.

65.3607, 73.2037,
105.2926

65.3607, 73.2037,
105.2926

433.6118,
471.7205, 598.4222

48.0194, 54.1425,
80.0865

111.6311,
123.7663, 170.5267

34.0536, 38.7156,
59.2629

141.2909,
156.0366, 211.3917

23.0978, 26.5386,
42.4034

175.7876,
193.4787, 258.3135

14.7869, 17.2270,
29.0894

215.4865,
236.4771, 311.7106

8.7553, 10.3965,
18.9023

260.7531,
285.4160, 372.0014

4.6377, 5.6626,
11.4236

311.9526,

2.0689, 2.6410,

340.6800, 439.6046

6.2348

369.4503,
402.6533, 514.9387

■ 0.6722, 0.9473,
2.9173

■ 0.0000, 0.0000,
1.0525

■ 65.3607, 73.2037,
105.2926

■ 65.3607, 73.2037,
105.2926

■ 57.4310, 65.4844,
104.2206

■ 74.5224, 81.7568,
106.4606

■ 50.6657, 58.5557,
103.2398

■ 84.9671, 91.1676,
107.7266

■ 44.9995, 52.3829,
102.3469

95.0500, 100.0000,
108.9000

■ 40.3579, 46.9242,
101.5379

■ 36.6558, 42.1329,
100.8082

■ 33.7931, 37.9539,
100.1525

■ 31.6279, 34.3107,
99.5634

■ 31.3594, 33.8387,
99.4865

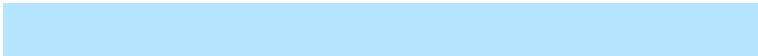
Harmonies

Analogous

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



62.0768, 73.2037, 94.5102



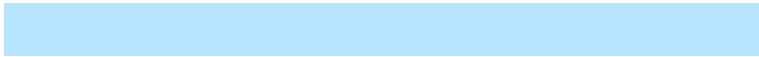
65.3607, 73.2037, 105.2926



69.9093, 73.2037, 109.0075

Triad

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



65.3607, 73.2037, 105.2926



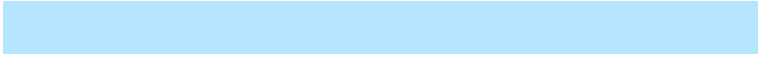
79.1718, 73.2037, 78.7626



64.8126, 73.2037, 59.4178

Complementary

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



65.3607, 73.2037, 105.2926



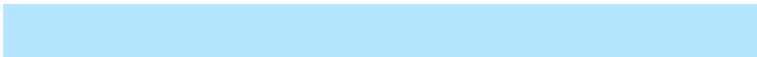
72.2395, 69.7488, 53.9132

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.



69.2476, 73.2037, 56.1915



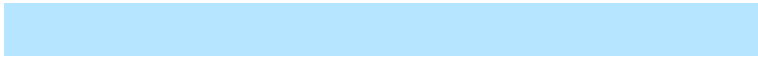
65.3607, 73.2037, 105.2926



77.6602, 73.2037, 66.5353

Square

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



65.3607, 73.2037, 105.2926



78.0167, 73.2037, 92.6835



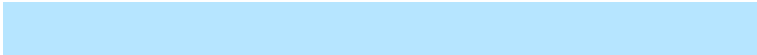
73.9728, 73.2037, 58.6422



61.7707, 73.2037, 68.0009

Rectangle

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



65.3607, 73.2037, 105.2926



73.0873, 73.2037, 106.6708



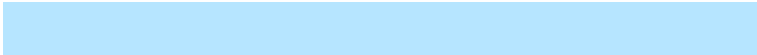
73.9728, 73.2037, 58.6422



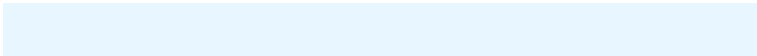
66.1827, 73.2037, 57.7182

Sweetspot

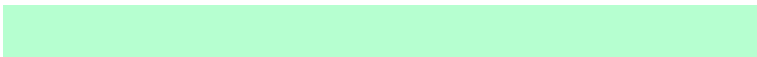
The Sweet Spot groups the original color and five complimentary colors.



65.3627, 73.2065, 105.2930



84.5528, 90.8000, 107.6775



66.3823, 85.9975, 72.4865



17.7565, 19.1312, 23.0068



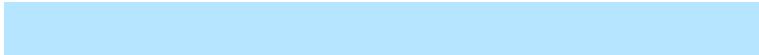
0.0000, 0.0000, 0.0000



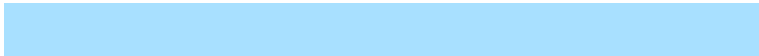
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3627, 73.2065, 105.2930



60.9515, 68.9560, 104.7051



56.4017, 55.2845, 102.3060



17.9788, 19.3292, 23.0333



16.5321, 17.9738, 52.0325



1.7129, 1.9565, 5.1006

Inverse Universe

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



72.1121, 60.3746, 81.9847



68.7695, 54.7647, 77.5556



82.0497, 89.3693, 57.1833



18.5019, 18.1841, 21.2603



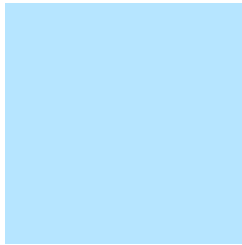
25.1328, 12.5424, 19.8818



2.4992, 1.2421, 2.2102

Previews

White Background



This preview shows how the XYZ color 65.3607, 73.2037, 105.2926 looks on a white background.

Color Contrast Check

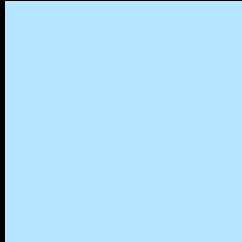
Large Text (above 18pt) WCAG AA × Fail

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 65.3607, 73.2037, 105.2926 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

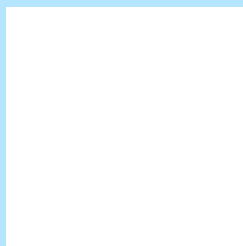
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3607, 73.2037, 105.2926

Background



This preview shows how black text looks on a background with the XYZ color 65.3607, 73.2037, 105.2926.



This preview shows how white text looks on a background with the XYZ color 65.3607, 73.2037,

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

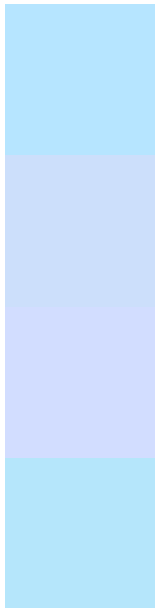




Tritanopia

64.2961, 73.1947, 99.5462

Trichromacy



Original Color

65.3607, 73.2037, 105.2926

Protanomaly

68.7021, 72.5778, 101.6547

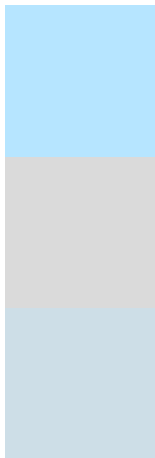
Deuteranomaly

70.4848, 72.6345, 104.9127

Tritanomaly

64.7655, 73.3824, 102.0175

Monochromacy



Original Color

65.3607, 73.2037, 105.2926

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.7219, 70.9912, 85.8401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3607, 73.2037, 105.2926 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(182, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 229, 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(182, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.3607, 73.2037, 105.2926 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(182, 229, 255) }
```


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

```
.border{ border-color:rgb(182, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3607, 73.2037, 105.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 229, 255) }
```

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

```
.background{ background-color: rgb(182,  
229, 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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