

Converting Colors

XYZ(65.1889, 72.2958,
105.1264)

Have a look what the booklet for
XYZ(65.1889, 72.2958, 105.1264)
contains.

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Color

**XYZ(65.2862, 72.3485,
105.1314)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E3FF
RGB	184, 227, 255
RGB Percent	72%, 89%, 100%
CMY	0.2784, 0.1098, 0.0000
CMYK	0.28, 0.11, 0.00, 0.00
HSL	204°, 100%, 86%
HSV	204°, 28%, 100%
XYZ	65.2862, 72.3485, 105.1314
YIQ	217.3350, -34.6160, -0.4080

Conversions

Conversions Part 2

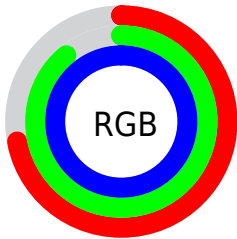
Format	Color
RYB	184, 211, 255
Decimal	12116991
CIELab	88.14, -7.70, -18.13
CIELCh	88, 19.699, 246.988
Yxy	72.3485, 0.2689, 0.2980
Android (android.graphics.Color)	4290307071 (0xFFB8E3FF)
YUV	217.3350, 18.5688, -29.2348
Hunter-Lab	85.0579, -11.8437, -13.7418

Details

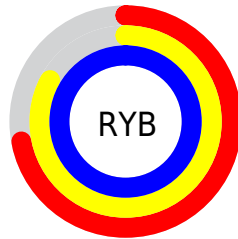
The XYZ color **65.2862, 72.3485, 105.1314** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.4352, 71.8072, 55.3388**, and the grayscale version is **66.0783, 69.5195, 75.7068**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **33.9988, 38.2494, 59.0170** is the 20% darker color. If you saturate the color by 10%, you get **57.0495, 64.1397, 103.9811**, and if you desaturate by 10%, it is **74.7885, 81.4517, 106.3877**.

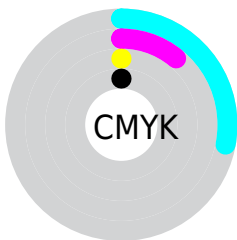
Distribution



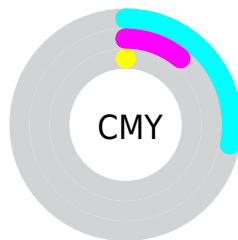
- Red (72%)
- Green (89%)
- Blue (100%)



- Red (72%)
- Yellow (83%)
- Blue (100%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2862, 72.3485, 105.1314 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 65.2862, 72.3485, 105.1314 by changing the saturation by 10% instead.

65.2862, 72.3485,
105.1314

65.2862, 72.3485,
105.1314

433.3487,
468.7537, 597.9087

47.9587, 53.4434,
79.9522

111.5246,
122.5519, 170.3044

34.0053, 38.1569,
59.1531

141.1663,
154.6190, 211.1352

23.0606, 26.1045,
42.3155

175.6435,
191.8421, 258.0203

14.7592, 16.9018,
29.0210

215.3215,
234.6059, 311.3782

8.7358, 10.1645,
18.8510

260.5657,
283.2945, 371.6274

4.6250, 5.5082,
11.3869

311.7413,

2.0614, 2.5484,

338.2924, 439.1866

6.2103

369.2139,
399.9840, 514.4742

■ 0.6681, 0.9008,
2.9025

■ 0.0000, 0.0000,
1.0451

■ 65.2862, 72.3485,
105.1314

■ 65.2862, 72.3485,
105.1314

■ 57.0495, 64.1397,
103.9811

■ 74.7885, 81.4517,
106.3877

■ 50.0105, 56.7811,
102.9318

■ 85.6079, 91.4745,
107.7521

■ 44.1037, 50.2364,
101.9798

95.0500, 100.0000,
108.9000

■ 39.2544, 44.4629,
101.1210

■ 35.3777, 39.4124,
100.3505

■ 32.3741, 35.0292,
99.6628

■ 30.1113, 31.2404,
99.0507

■ 29.6797, 30.4794,
98.9266

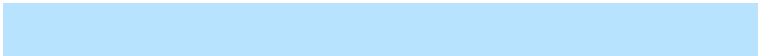
Harmonies

Analogous

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



61.7840, 72.3485, 95.4273



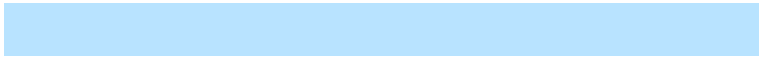
65.2862, 72.3485, 105.1314



69.8724, 72.3485, 107.4154

Triad

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



65.2862, 72.3485, 105.1314



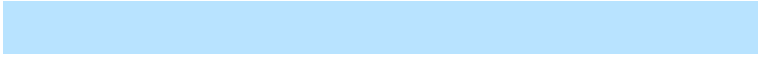
78.1484, 72.3485, 75.6628



63.4607, 72.3485, 59.8265

Complementary

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



65.2862, 72.3485, 105.1314



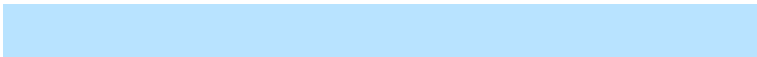
73.4352, 71.8072, 55.3388

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.



67.6695, 72.3485, 55.7403



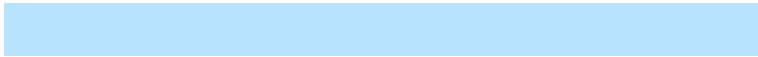
65.2862, 72.3485, 105.1314



76.2531, 72.3485, 64.1826

Square

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



65.2862, 72.3485, 105.1314



77.4392, 72.3485, 89.3523



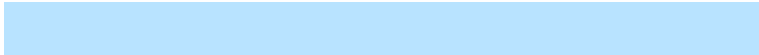
72.3654, 72.3485, 57.2390



60.7642, 72.3485, 69.0676

Rectangle

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



65.2862, 72.3485, 105.1314



72.9559, 72.3485, 104.2127



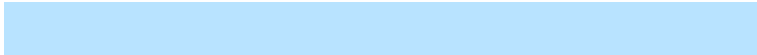
72.3654, 72.3485, 57.2390



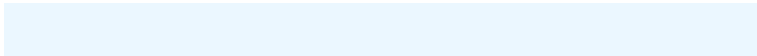
64.7379, 72.3485, 57.8556

Sweetspot

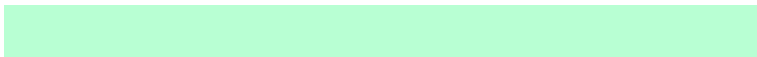
The Sweet Spot groups the original color and five complimentary colors.



65.2882, 72.3513, 105.1319



85.4263, 91.3087, 107.7296



67.3132, 86.4249, 74.9057



17.9185, 19.2087, 23.0132



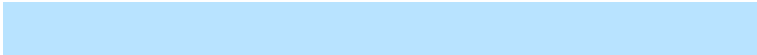
0.0000, 0.0000, 0.0000



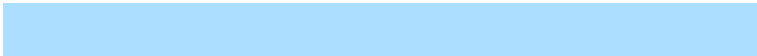
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2882, 72.3513, 105.1319



60.8848, 68.0069, 104.5254



56.7304, 55.2358, 102.2793



17.9185, 19.2087, 23.0132



15.6580, 16.2256, 51.7412



1.6312, 1.7930, 5.0734

Inverse Universe

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



72.2469, 61.0886, 80.6597



68.9350, 55.5933, 76.0766



83.0663, 91.0694, 58.5492



18.4715, 18.1719, 21.1002



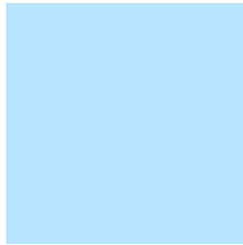
24.6916, 12.3659, 17.5585



2.4579, 1.2255, 1.9929

Previews

White Background



This preview shows how the XYZ color 65.2862, 72.3485, 105.1314 looks on a white background.

Color Contrast Check

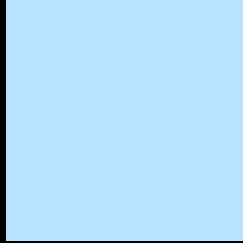
Large Text (above 18pt) WCAG AA × Fail

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 65.2862, 72.3485, 105.1314 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

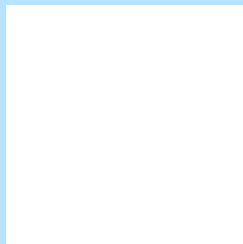
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2862, 72.3485, 105.1314

Background



This preview shows how black text looks on a background with the XYZ color 65.2862, 72.3485, 105.1314.



This preview shows how white text looks on a background with the XYZ color 65.2862, 72.3485,

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

65.2862, 72.3485, 105.1314

Protanopia

70.9057, 72.1641, 100.6344

Deuteranopia

73.3463, 72.1790, 104.6739



Tritanopia

63.8233, 72.1473, 98.5577

Trichromacy



Original Color

65.2862, 72.3485, 105.1314

Protanomaly

68.5938, 72.1082, 102.3985

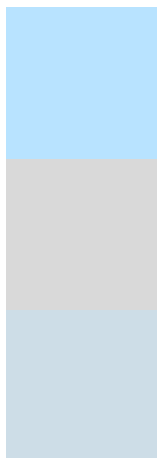
Deuteranomaly

69.9377, 71.9617, 104.8116

Tritanomaly

64.5272, 72.4562, 101.0270

Monochromacy



Original Color

65.2862, 72.3485, 105.1314

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.4571, 70.4616, 85.7518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2862, 72.3485, 105.1314 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(184, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 227, 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(184, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.2862, 72.3485, 105.1314 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(184, 227, 255) }
```


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

```
.border{ border-color:rgb(184, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2862, 72.3485, 105.1314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 227, 255) }
```

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

```
.background{ background-color: rgb(184,  
227, 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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