

Converting Colors

XYZ(65.4484, 72.4691,
103.4669)

Have a look what the booklet for
XYZ(65.4484, 72.4691, 103.4669)
contains.

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Color

**XYZ(65.4484, 72.4691,
103.4669)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE3FD
RGB	186, 227, 253
RGB Percent	73%, 89%, 99%
CMY	0.2706, 0.1098, 0.0078
CMYK	0.26, 0.10, 0.00, 0.01
HSL	203°, 94%, 86%
HSV	203°, 26%, 99%
XYZ	65.4484, 72.4691, 103.4669
YIQ	217.7050, -32.7820, -0.6060

Conversions

Conversions Part 2

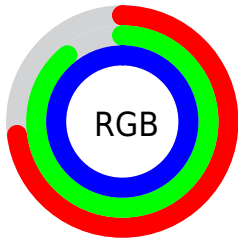
Format	Color
RYB	186, 211, 253
Decimal	12248061
CIELab	88.19, -7.59, -16.98
CIELCh	88, 18.600, 245.933
Yxy	72.4691, 0.2711, 0.3002
Android (android.graphics.Color)	4290438141 (0xFFBAE3FD)
YUV	217.7050, 17.4004, -27.8053
Hunter-Lab	85.1288, -11.7417, -12.4719

Details

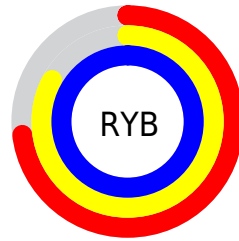
The XYZ color **65.4484, 72.4691, 103.4669** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.9153, 71.5153, 56.4170**, and the grayscale version is **66.3394, 69.7942, 76.0059**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **34.0764, 38.3159, 57.8242** is the 20% darker color. If you saturate the color by 10%, you get **57.2292, 64.3605, 102.3362**, and if you desaturate by 10%, it is **74.9133, 81.4507, 104.7029**.

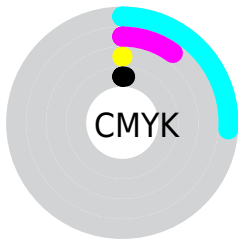
Distribution



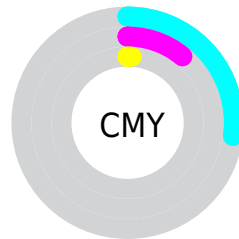
- Red (73%)
- Green (89%)
- Blue (99%)



- Red (73%)
- Yellow (83%)
- Blue (99%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4484, 72.4691, 103.4669 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 65.4484, 72.4691, 103.4669 by changing the saturation by 10% instead.

65.4484, 72.4691,
103.4669

65.4484, 72.4691,
103.4669

433.9214,
469.1727, 592.5929

48.0908, 53.5420,
78.5661

111.7564,
122.7232, 168.0067

34.1104, 38.2356,
58.0199

141.4375,
154.8190, 208.4827

23.1417, 26.1656,
41.4098

175.9572,
192.0732, 254.9876

14.8194, 16.9476,
28.3174

215.6808,
234.8700, 307.9398

8.7782, 10.1971,
18.3239

260.9736,
283.5940, 367.7579

4.6528, 5.5298,
11.0109

312.2011,

2.0777, 2.5614,

338.6295, 434.8604

5.9599

369.7286,
400.3610, 509.6659

■ 0.6770, 0.9073,
2.7523

■ 0.0000, 0.0000,
0.9696

■ 65.4484, 72.4691,
103.4669

■ 65.4484, 72.4691,
103.4669

■ 57.2292, 64.3605,
102.3362

■ 74.9133, 81.4507,
104.7029

■ 50.1891, 57.0815,
101.3023

■ 85.6730, 91.3290,
106.0425

■ 44.2651, 50.5977,
100.3630

94.7298, 99.8719,
107.2141

■ 39.3851, 44.8677,
99.5142

■ 35.4677, 39.8457,
98.7513

■ 32.4176, 35.4783,
98.0691

■ 30.1167, 31.7003,
97.4611

■ 29.4230, 30.4782,
97.2618

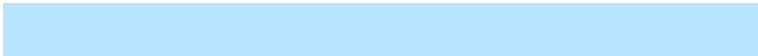
Harmonies

Analogous

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



62.1802, 72.4691, 94.1807



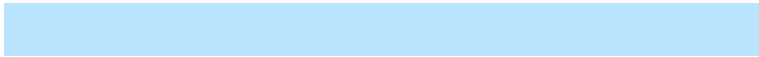
65.4484, 72.4691, 103.4669



69.7681, 72.4691, 105.8806

Triad

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



65.4484, 72.4691, 103.4669



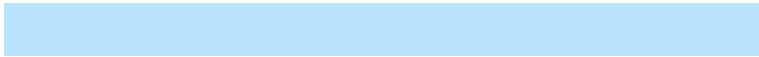
77.7471, 72.4691, 76.4002



63.9788, 72.4691, 60.6788

Complementary

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



65.4484, 72.4691, 103.4669



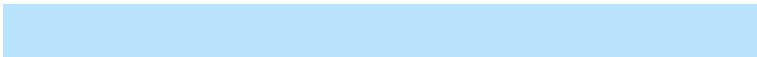
72.9153, 71.5153, 56.4170

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.



67.9989, 72.4691, 56.9533



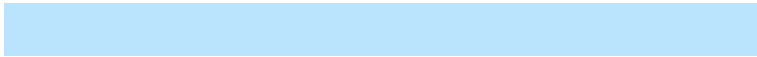
65.4484, 72.4691, 103.4669



76.0439, 72.4691, 65.3800

Square

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



65.4484, 72.4691, 103.4669



76.9927, 72.4691, 89.3293



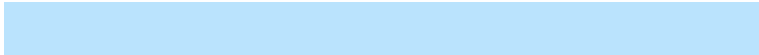
72.4289, 72.4691, 58.5772



61.3576, 72.4691, 69.3277

Rectangle

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



65.4484, 72.4691, 103.4669



72.6904, 72.4691, 103.0634



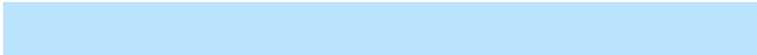
72.4289, 72.4691, 58.5772



65.2046, 72.4691, 58.8541

Sweetspot

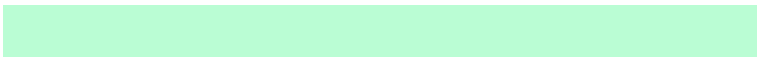
The Sweet Spot groups the original color and five complimentary colors.



65.4506, 72.4720, 103.4686



85.4656, 91.3872, 107.7427



67.2203, 85.4286, 75.0263



17.9284, 19.2285, 23.0165



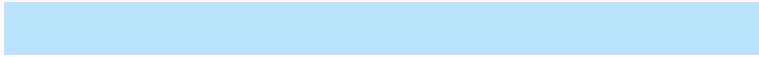
0.0000, 0.0000, 0.0000



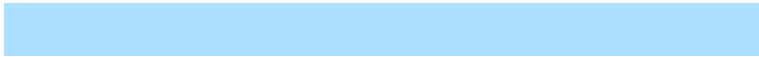
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4506, 72.4720, 103.4686



61.8500, 69.1056, 104.6866



57.2320, 56.0348, 100.7290



17.9284, 19.2285, 23.0165



15.7975, 16.5045, 51.7877



1.6443, 1.8192, 5.0778

Inverse Universe

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



71.9338, 61.5484, 80.7649



69.6252, 56.6467, 77.3148



82.0802, 89.8450, 59.4719



18.4765, 18.1739, 21.1265



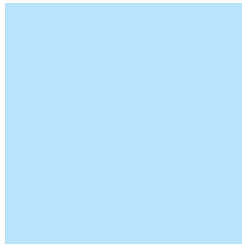
24.7620, 12.3941, 17.9292



2.4646, 1.2282, 2.0278

Previews

White Background



This preview shows how the XYZ color 65.4484, 72.4691, 103.4669 looks on a white background.

Color Contrast Check

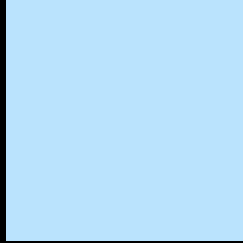
Large Text (above 18pt) WCAG AA × Fail

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 65.4484, 72.4691, 103.4669 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

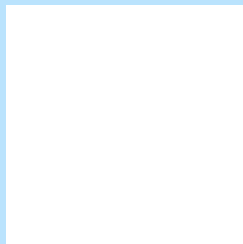
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4484, 72.4691, 103.4669

Background



This preview shows how black text looks on a background with the XYZ color 65.4484, 72.4691, 103.4669.



This preview shows how white text looks on a background with the XYZ color 65.4484, 72.4691,

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

65.4484, 72.4691, 103.4669

Protanopia

70.8901, 72.1921, 99.0051

Deuteranopia

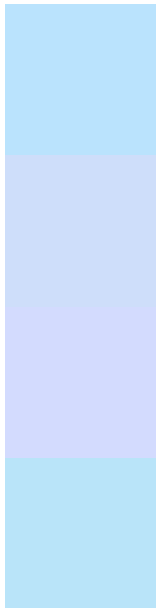
73.7145, 71.9896, 104.6180



Tritanopia

64.3855, 72.4549, 97.7805

Trichromacy



Original Color

65.4484, 72.4691, 103.4669

Protanomaly

68.8302, 72.2665, 100.7636

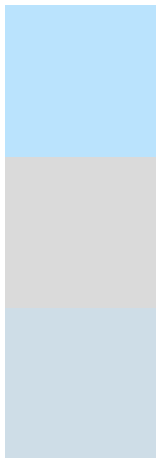
Deuteranomaly

70.0849, 71.6677, 103.9053

Tritanomaly

64.8499, 72.6406, 100.2256

Monochromacy



Original Color

65.4484, 72.4691, 103.4669

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.7339, 70.6042, 85.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4484, 72.4691, 103.4669 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(186, 227, 253)` looks like.

```
.text, #text, p{  
    color:rgb(186, 227, 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(186, 227, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 227, 253) }
```

Border

The CSS property to change the border of an element to XYZ 65.4484, 72.4691, 103.4669 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(186, 227, 253) }
```


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

```
.border{ border-color:rgb(186, 227, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 227, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 227, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 227, 253);  
box-shadow:4px 4px 4px 4px rgb(186, 227,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4484, 72.4691, 103.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 227, 253) }
```

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

```
.background{ background-color: rgb(186,  
227, 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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