

Converting Colors

XYZ(66.6272, 75.5833,
101.5206)

Have a look what the booklet for
XYZ(66.6272, 75.5833, 101.5206)
contains.

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Color

**XYZ(66.6439, 75.6191,
101.5259)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE9FA
RGB	186, 233, 250
RGB Percent	73%, 91%, 98%
CMY	0.2706, 0.0863, 0.0196
CMYK	0.26, 0.07, 0.00, 0.02
HSL	196°, 86%, 85%
HSV	196°, 26%, 98%
XYZ	66.6439, 75.6191, 101.5259
YIQ	220.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

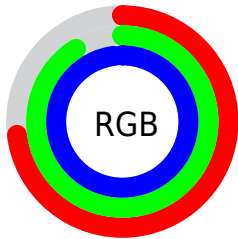
Format	Color
R _Y B	186, 213, 250
Decimal	12249594
CIE Lab	89.68, -11.33, -13.18
CIE LCh	90, 17.379, 229.320
Yxy	75.6191, 0.2734, 0.3102
Android (android.graphics.Color)	4290439674 (0xFFBAE9FA)
YUV	220.8850, 14.3537, -30.5941
Hunter-Lab	86.9592, -15.3797, -8.3503

Details

The XYZ color **66.6439, 75.6191, 101.5259** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.6440, 66.5813, 55.6368**, and the grayscale version is **68.5677, 72.1386, 78.5589**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **34.8198, 40.1646, 56.9563** is the 20% darker color. If you saturate the color by 10%, you get **59.2498, 69.0711, 100.6530**, and if you desaturate by 10%, it is **75.1758, 82.8624, 102.4756**.

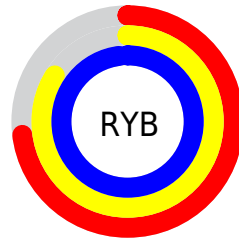
Distribution



Red (73%)

Green (91%)

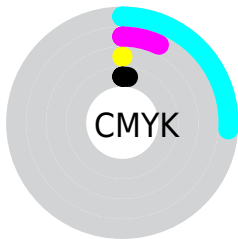
Blue (98%)



Red (73%)

Yellow (84%)

Blue (98%)

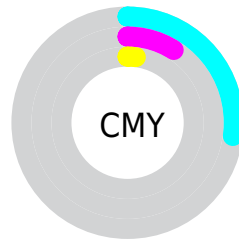


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6439, 75.6191, 101.5259 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 66.6439, 75.6191, 101.5259 by changing the saturation by 10% instead.

66.6439, 75.6191,
101.5259

66.6439, 75.6191,
101.5259

438.1286,
480.0428, 586.3623

49.0649, 56.1202,
76.9515

113.4626,
127.1883, 165.3227

34.8857, 40.2993,
56.7018

143.4331,
160.0275, 205.3821

23.7410, 27.7720,
40.3581

178.2647,
198.0822, 251.4404

15.2653, 18.1539,
27.5019

218.3230,
241.7369, 303.9160

9.0933, 11.0605,
17.7148

263.9731,
291.3758, 363.2274

4.8597, 6.1075,
10.5781

315.5805,

2.1991, 2.9106,

347.3836, 429.7932

5.6733

373.5106,
410.1444, 504.0320

■ 0.7423, 1.0852,
2.5819

■ 0.0000, 0.0000,
0.8831

■ 66.6439, 75.6191,
101.5259

■ 66.6439, 75.6191,
101.5259

■ 59.2498, 69.0711,
100.6530

■ 75.1758, 82.8624,
102.4756

■ 52.9305, 63.1791,
99.8488

■ 84.8908, 90.8199,
103.4995

■ 47.6273, 57.9137,
99.1119

■ 93.5966, 98.3644,
104.4969

■ 43.2724, 53.2386,
98.4391

■ 94.2556, 99.6822,
104.7165

■ 39.7897, 49.1135,
97.8264

■ 37.0901, 45.4913,
97.2696

■ 35.0639, 42.3140,
96.7631

■ 34.3143, 41.0197,
96.5528

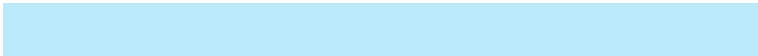
Harmonies

Analogous

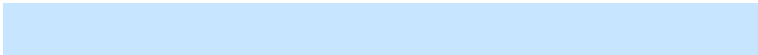
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3870, 75.6191, 90.3792



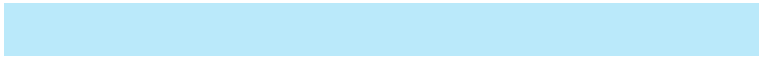
66.6439, 75.6191, 101.5259



70.3600, 75.6191, 107.7247

Triad

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



66.6439, 75.6191, 101.5259



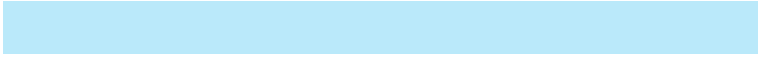
80.2641, 75.6191, 86.7800



69.1863, 75.6191, 62.0452

Complementary

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



66.6439, 75.6191, 101.5259



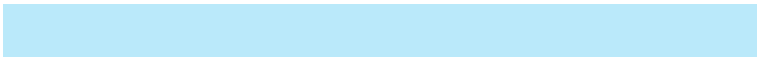
69.6440, 66.5813, 55.6368

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.



73.4090, 75.6191, 61.2876



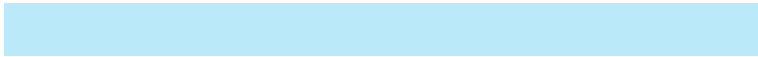
66.6439, 75.6191, 101.5259



79.9193, 75.6191, 74.7854

Square

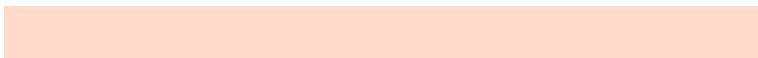
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6439, 75.6191, 101.5259



78.2943, 75.6191, 98.6673



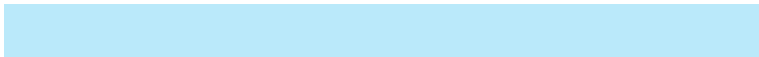
77.3702, 75.6191, 65.7313



65.8141, 75.6191, 67.9148

Rectangle

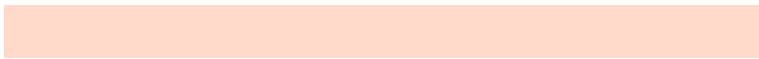
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.6439, 75.6191, 101.5259



73.2141, 75.6191, 107.8409



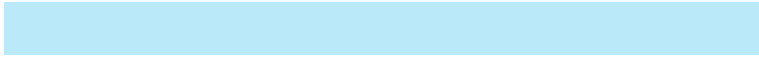
77.3702, 75.6191, 65.7313



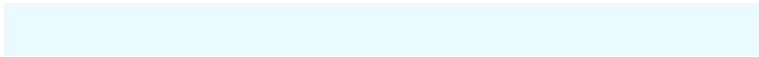
70.5497, 75.6191, 61.2079

Sweetspot

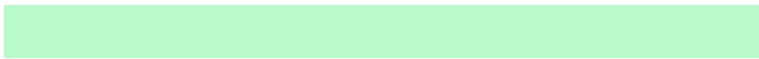
The Sweet Spot groups the original color and five complimentary colors.



66.6462, 75.6221, 101.5276



86.2349, 92.9260, 107.9992



65.0974, 83.0760, 68.4829



18.1228, 19.6171, 23.0813



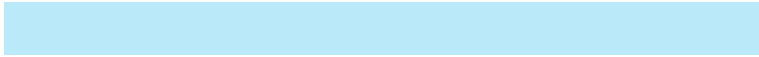
0.0000, 0.0000, 0.0000



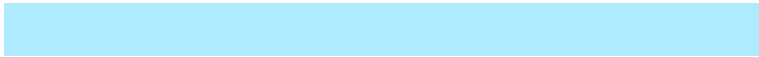
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6462, 75.6221, 101.5276



65.3677, 75.2932, 105.6955



58.6270, 59.5839, 98.8546



17.3530, 18.7828, 22.0961



18.3254, 22.0064, 51.2554



1.7840, 2.2118, 4.7761

Inverse Universe

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



71.6930, 61.3267, 85.1529



71.6077, 58.2319, 85.3120



77.7114, 82.7162, 58.3259



17.7847, 17.4412, 20.7220



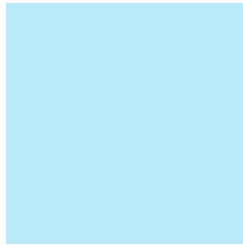
25.5418, 12.6325, 25.3595



2.4094, 1.1875, 2.5794

Previews

White Background



This preview shows how the XYZ color 66.6439, 75.6191, 101.5259 looks on a white background.

Color Contrast Check

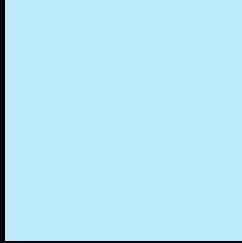
Large Text (above 18pt) WCAG AA × Fail

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 66.6439, 75.6191, 101.5259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

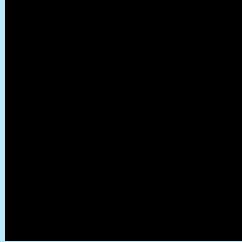
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6439, 75.6191, 101.5259

Background



This preview shows how black text looks on a background with the XYZ color 66.6439, 75.6191, 101.5259.

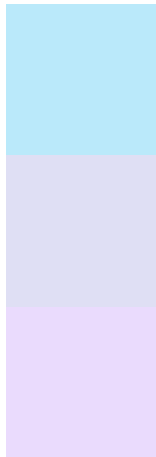


This preview shows how white text looks on a background with the XYZ color 66.6439, 75.6191,

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

66.6439, 75.6191, 101.5259

Protanopia

73.1482, 74.9950, 96.2081

Deuteranopia

76.9928, 75.2473, 103.3947



Tritanopia

66.8012, 75.6820, 102.3541

Trichromacy



Original Color

66.6439, 75.6191, 101.5259

Protanomaly

70.6820, 75.2936, 97.9966

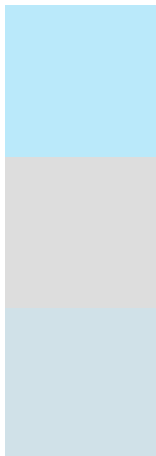
Deuteranomaly

72.8416, 75.0913, 102.7504

Tritanomaly

66.8012, 75.6820, 102.3541

Monochromacy



Original Color

66.6439, 75.6191, 101.5259

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.5031, 73.0865, 86.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6439, 75.6191, 101.5259 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, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(186, 233, 250)  
}
```

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, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 233, 250) }
```

Border

The CSS property to change the border of an element to XYZ 66.6439, 75.6191, 101.5259 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, 233, 250) }
```


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

```
.border{ border-color:rgb(186, 233, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 233, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 233, 250); box-shadow:4px 4px 4px 4px rgb(186, 233, 250) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6439, 75.6191, 101.5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 233, 250) }
```

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

```
.background{ background-color: rgb(186,  
233, 250) }
```

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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