

Converting Colors

XYZ(67.0890, 74.4747,
105.4502)

Have a look what the booklet for
XYZ(67.0890, 74.4747, 105.4502)
contains.

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Color

**XYZ(67.0859, 74.5050,
105.4528)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE6FF
RGB	188, 230, 255
RGB Percent	74%, 90%, 100%
CMY	0.2627, 0.0980, 0.0000
CMYK	0.26, 0.10, 0.00, 0.00
HSL	202°, 100%, 87%
HSV	202°, 26%, 100%
XYZ	67.0859, 74.5050, 105.4528
YIQ	220.2920, -33.0570, -1.1290

Conversions

Conversions Part 2

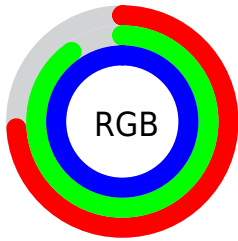
Format	Color
R_{YB}	188, 214, 255
Decimal	12379903
CIE _{Lab}	89.16, -8.10, -16.57
CIE _{LCh}	89, 18.440, 243.944
Yxy	74.5050, 0.2716, 0.3016
Android (android.graphics.Color)	4290569983 (0xFFBCE6FF)
YUV	220.2920, 17.1110, -28.3201
Hunter-Lab	86.3163, -12.3215, -12.0133

Details

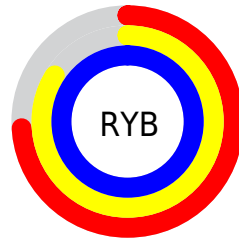
The XYZ color **67.0859, 74.5050, 105.4528** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1115, 72.4790, 57.6627**, and the grayscale version is **68.1339, 71.6822, 78.0619**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **35.1959, 39.7237, 59.2385** is the 20% darker color. If you saturate the color by 10%, you get **58.7750, 66.3986, 104.3262**, and if you desaturate by 10%, it is **76.6553, 83.4784, 106.6805**.

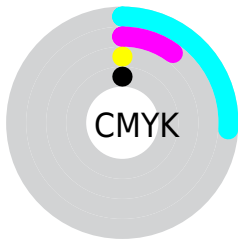
Distribution



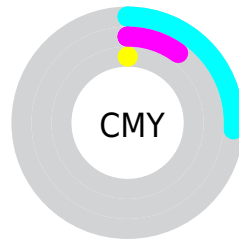
- Red (74%)
- Green (90%)
- Blue (100%)



- Red (74%)
- Yellow (84%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0859, 74.5050, 105.4528 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 67.0859, 74.5050, 105.4528 by changing the saturation by 10% instead.

67.0859, 74.5050,
105.4528

67.0859, 74.5050,
105.4528

439.6781,
476.2145, 598.9323

49.4254, 55.2075,
80.2200

114.0926,
125.6114, 170.7476

35.1730, 39.5678,
59.3722

144.1695,
158.1891, 211.6467

23.9633, 27.2018,
42.4908

179.1159,
195.9623, 258.6049

15.4310, 17.7248,
29.1574

219.2972,
239.3153, 312.0408

9.2107, 10.7526,
18.9533

265.0787,
288.6327, 372.3730

4.9371, 5.9007,
11.4601

316.8258,

2.2448, 2.7848,

344.2987, 440.0199

6.2591

374.9038,
406.6979, 515.4002

■ 0.7662, 1.0204,
2.9320

■ 0.0000, 0.0000,
1.0600

■ 67.0859, 74.5050,
105.4528

■ 67.0859, 74.5050,
105.4528

■ 58.7750, 66.3986,
104.3262

■ 76.6553, 83.4784,
106.6805

■ 51.6556, 59.1157,
103.2957

■ 87.5333, 93.3424,
108.0111

■ 45.6639, 52.6219,
102.3580

95.0500, 100.0000,
108.9000

■ 40.7266, 46.8757,
101.5091

■ 36.7614, 41.8311,
100.7444

■ 33.6719, 37.4346,
100.0587

■ 31.3388, 33.6209,
99.4455

■ 30.5970, 32.3140,
99.2323

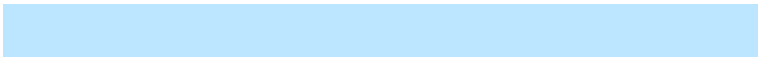
Harmonies

Analogous

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



63.8842, 74.5050, 95.7438



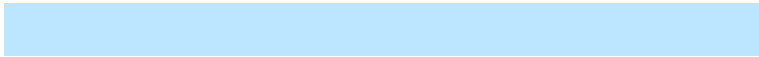
67.0859, 74.5050, 105.4528



71.4108, 74.5050, 108.4066

Triad

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



67.0859, 74.5050, 105.4528



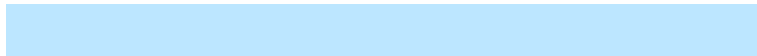
79.7916, 74.5050, 79.4329



66.0977, 74.5050, 62.2733

Complementary

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



67.0859, 74.5050, 105.4528



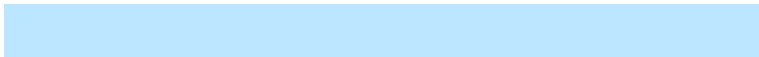
74.1115, 72.4790, 57.6627

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.



70.2220, 74.5050, 58.8509



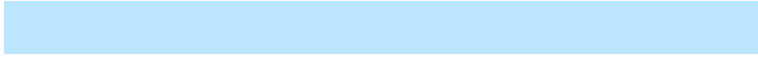
67.0859, 74.5050, 105.4528



78.2292, 74.5050, 68.0725

Square

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



67.0859, 74.5050, 105.4528



78.8662, 74.5050, 92.4885



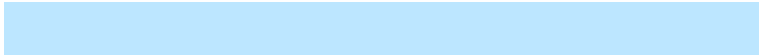
74.6793, 74.5050, 60.8570



63.3309, 74.5050, 70.7294

Rectangle

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



67.0859, 74.5050, 105.4528



74.3805, 74.5050, 105.9129



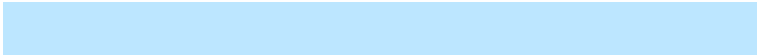
74.6793, 74.5050, 60.8570



67.3649, 74.5050, 60.5391

Sweetspot

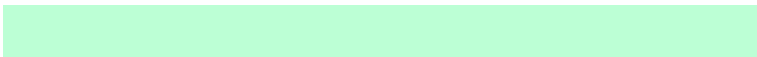
The Sweet Spot groups the original color and five complimentary colors.



67.0879, 74.5079, 105.4533



85.5589, 91.5739, 107.7738



68.4555, 86.9940, 75.8478



17.9520, 19.2756, 23.0243



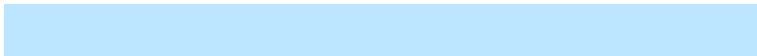
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.0879, 74.5079, 105.4533



62.1775, 69.7606, 104.7958



58.7417, 57.8154, 102.6712



17.9520, 19.2756, 23.0243



16.1356, 17.1808, 51.9004



1.6759, 1.8826, 5.0883

Inverse Universe

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



73.5075, 62.9413, 83.1408



69.7905, 56.7128, 78.1854



83.2937, 90.8434, 60.7234



18.4884, 18.1787, 21.1891



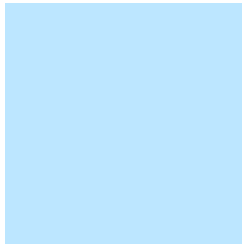
24.9327, 12.4624, 18.8279



2.4805, 1.2346, 2.1120

Previews

White Background



This preview shows how the XYZ color 67.0859, 74.5050, 105.4528 looks on a white background.

Color Contrast Check

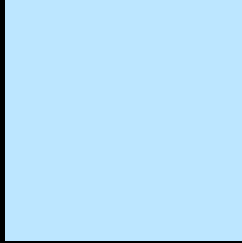
Large Text (above 18pt) WCAG AA × Fail

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 67.0859, 74.5050, 105.4528 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

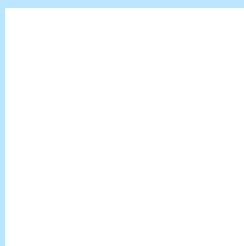
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0859, 74.5050, 105.4528

Background



This preview shows how black text looks on a background with the XYZ color 67.0859, 74.5050, 105.4528.



This preview shows how white text looks on a background with the XYZ color 67.0859, 74.5050,

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

67.0859, 74.5050, 105.4528

Protanopia

72.8918, 74.3603, 100.9536

Deuteranopia

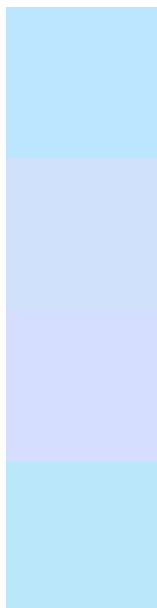
75.4345, 74.0208, 104.9194



Tritanopia

66.1683, 74.5562, 100.5259

Trichromacy



Original Color

67.0859, 74.5050, 105.4528

Protanomaly

70.5083, 74.2886, 102.7184

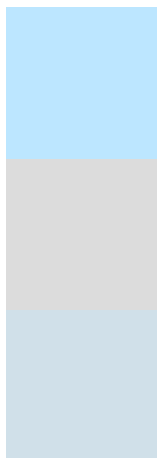
Deuteranomaly

71.9028, 73.7587, 105.0549

Tritanomaly

66.4820, 74.6817, 102.1778

Monochromacy



Original Color

67.0859, 74.5050, 105.4528

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3761, 72.6044, 87.5537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0859, 74.5050, 105.4528 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(188, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 230, 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(188, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.0859, 74.5050, 105.4528 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(188, 230, 255) }
```


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

```
.border{ border-color:rgb(188, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0859, 74.5050, 105.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 230, 255) }
```

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

```
.background{ background-color: rgb(188,  
230, 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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