

Converting Colors

XYZ(67.5592, 76.6006,
105.8324)

Have a look what the booklet for
XYZ(67.5592, 76.6006, 105.8324)
contains.

XYZ(67.4804, 76.3799, 105.7939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.4804, 76.3799,
105.7939)**

Conversions

Conversions Part 1

Format	Color
Hex	B9EAFF
RGB	185, 234, 255
RGB Percent	73%, 92%, 100%
CMY	0.2745, 0.0823, 0.0000
CMYK	0.27, 0.08, 0.00, 0.00
HSL	198°, 100%, 86%
HSV	198°, 27%, 100%
XYZ	67.4804, 76.3799, 105.7939
YIQ	221.7430, -35.9450, -3.8570

Conversions

Conversions Part 2

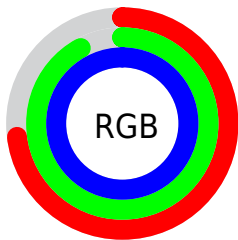
Format	Color
R _Y B	185, 214, 255
Decimal	12184319
CIE Lab	90.04, -11.00, -15.27
CIE LCh	90, 18.820, 234.234
Yxy	76.3799, 0.2703, 0.3059
Android (android.graphics.Color)	4290374399 (0xFFB9EAF5)
YUV	221.7430, 16.3957, -32.2236
Hunter-Lab	87.3956, -15.1178, -10.5947

Details

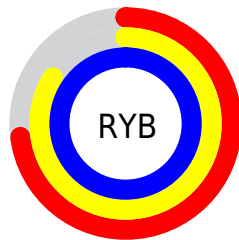
The XYZ color **67.4804, 76.3799, 105.7939** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0684, 68.9050, 55.4024**, and the grayscale version is **69.1578, 72.7594, 79.2350**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **35.3194, 40.6638, 59.4135** is the 20% darker color. If you saturate the color by 10%, you get **59.7413, 69.2289, 104.8215**, and if you desaturate by 10%, it is **76.4209, 84.2936, 106.8502**.

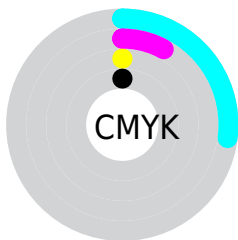
Distribution



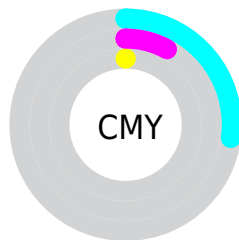
- Red (73%)
- Green (92%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4804, 76.3799, 105.7939 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 67.4804, 76.3799, 105.7939 by changing the saturation by 10% instead.

67.4804, 76.3799,
105.7939

67.4804, 76.3799,
105.7939

441.0585,
482.6472, 600.0176

49.7473, 56.7441,
80.5043

114.6545,
128.2638, 171.2179

35.4296, 40.7998,
59.6048

144.8262,
161.2806, 212.1893

24.1620, 28.1627,
42.6770

179.8748,
199.5266, 259.2250

15.5793, 18.4483,
29.3022

220.1656,
243.3861, 312.7436

9.3159, 11.2723,
19.0620

266.0640,
293.2435, 373.1636

5.0065, 6.2503,
11.5378

317.9354,

2.2859, 2.9979,

349.4832, 440.9036

6.3111

376.1451,
412.4896, 516.3821

■ 0.7874, 1.1306,
2.9633

■ 0.0000, 0.0039,
1.0759

■ 67.4804, 76.3799,
105.7939

■ 67.4804, 76.3799,
105.7939

■ 59.7413, 69.2289,
104.8215

■ 76.4209, 84.2936,
106.8502

■ 53.1372, 62.7989,
103.9285

■ 86.6123, 92.9916,
107.9920

■ 47.6045, 57.0572,
103.1119

95.0500, 100.0000,
108.9000

■ 43.0703, 51.9647,
102.3679

■ 39.4522, 47.4767,
101.6923

■ 36.6529, 43.5414,
101.0803

■ 34.5463, 40.0918,
100.5254

■ 34.0726, 39.2651,
100.3909

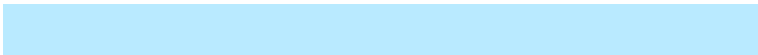
Harmonies

Analogous

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



64.7224, 76.3799, 94.1587



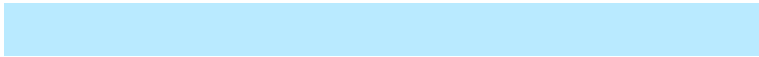
67.4804, 76.3799, 105.7939



71.6996, 76.3799, 111.4250

Triad

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



67.4804, 76.3799, 105.7939



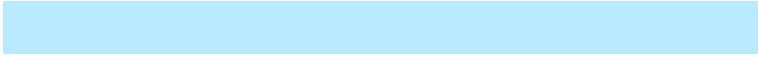
81.8899, 76.3799, 85.7718



68.9776, 76.3799, 61.8742

Complementary

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



67.4804, 76.3799, 105.7939



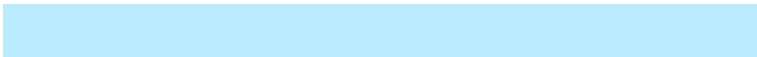
72.0684, 68.9050, 55.4024

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.



73.5015, 76.3799, 60.1390



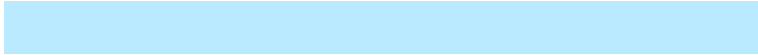
67.4804, 76.3799, 105.7939



81.0854, 76.3799, 73.0617

Square

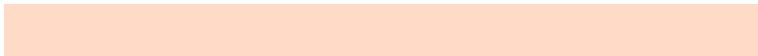
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



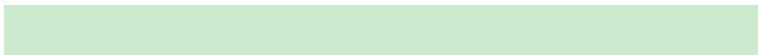
67.4804, 76.3799, 105.7939



80.1194, 76.3799, 99.0974



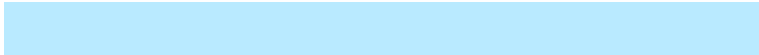
77.9655, 76.3799, 64.0170



65.5605, 76.3799, 69.0384

Rectangle

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



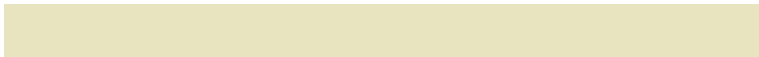
67.4804, 76.3799, 105.7939



74.8243, 76.3799, 110.6265



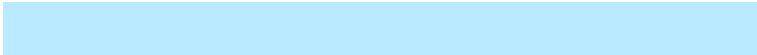
77.9655, 76.3799, 64.0170



70.4140, 76.3799, 60.6711

Sweetspot

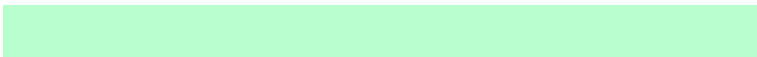
The Sweet Spot groups the original color and five complimentary colors.



67.4825, 76.3829, 105.7944



86.0179, 92.4920, 107.9268



66.7680, 86.2346, 70.7796



18.0679, 19.5074, 23.0630



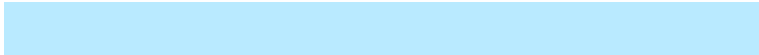
0.0000, 0.0000, 0.0000



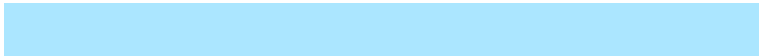
20.3446, 21.4041, 23.3091

Same Dimension

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



67.4825, 76.3829, 105.7944



63.0417, 72.3207, 105.2444



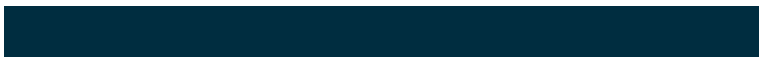
58.7519, 58.9217, 102.8842



18.0679, 19.5074, 23.0630



17.9406, 20.7908, 52.5020



1.8426, 2.2158, 5.1439

Inverse Universe

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



73.4416, 61.9001, 85.9224



70.0237, 56.0288, 81.8097



81.1086, 86.9854, 58.4158



18.5469, 18.2021, 21.4972



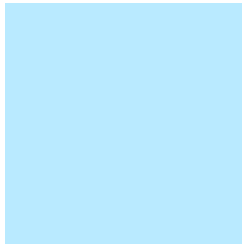
25.8438, 12.8268, 23.6257



2.5647, 1.2682, 2.5549

Previews

White Background



This preview shows how the XYZ color 67.4804, 76.3799, 105.7939 looks on a white background.

Color Contrast Check

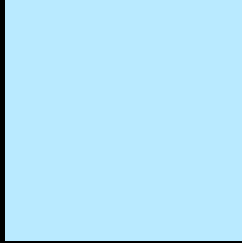
Large Text (above 18pt) WCAG AA × Fail

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 67.4804, 76.3799, 105.7939 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 67.4804, 76.3799, 105.7939

Background



This preview shows how black text looks on a background with the XYZ color 67.4804, 76.3799, 105.7939.



This preview shows how white text looks on a background with the XYZ color 67.4804, 76.3799,

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

67.1600, 76.2518, 104.1069

Trichromacy



Original Color

67.4804, 76.3799, 105.7939

Protanomaly

71.4505, 76.0071, 102.1718

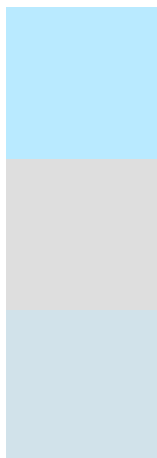
Deuteranomaly

73.2707, 76.0598, 105.4270

Tritanomaly

67.3198, 76.3157, 104.9482

Monochromacy



Original Color

67.4804, 76.3799, 105.7939

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.3421, 73.8885, 88.5018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4804, 76.3799, 105.7939 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(185, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 234, 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(185, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.4804, 76.3799, 105.7939 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(185, 234, 255) }
```


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

```
.border{ border-color:rgb(185, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4804, 76.3799, 105.7939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 234, 255) }
```

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

```
.background{ background-color: rgb(185,  
234, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor