

Converting Colors

XYZ(68.9850, 78.4364,
105.3525)

Have a look what the booklet for
XYZ(68.9850, 78.4364, 105.3525)
contains.

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Color

**XYZ(68.9126, 78.4155,
105.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEDFE
RGB	188, 237, 254
RGB Percent	74%, 93%, 100%
CMY	0.2627, 0.0706, 0.0039
CMYK	0.26, 0.07, 0.00, 0.00
HSL	195°, 97%, 87%
HSV	195°, 26%, 100%
XYZ	68.9126, 78.4155, 105.2696
YIQ	224.2870, -34.6610, -5.1010

Conversions

Conversions Part 2

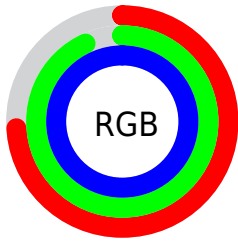
Format	Color
RYB	188, 216, 254
Decimal	12381694
CIELab	90.97, -11.89, -13.33
CIELCh	91, 17.865, 228.272
Yxy	78.4155, 0.2728, 0.3104
Android (android.graphics.Color)	4290571774 (0xFFBCEDFE)
YUV	224.2870, 14.6485, -31.8237
Hunter-Lab	88.5525, -16.0562, -8.4961

Details

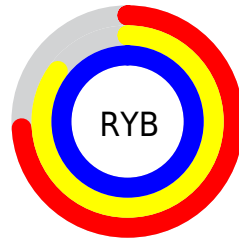
The XYZ color **68.9126, 78.4155, 105.2696** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.7824, 68.3647, 56.9910**, and the grayscale version is **70.9749, 74.6711, 81.3168**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **36.2748, 42.0655, 59.0309** is the 20% darker color. If you saturate the color by 10%, you get **61.3386, 71.7523, 104.3840**, and if you desaturate by 10%, it is **77.6616, 85.7909, 106.2334**.

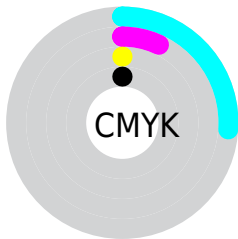
Distribution



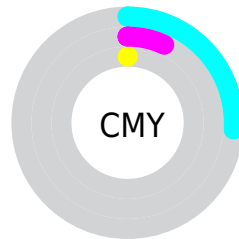
- Red (74%)
- Green (93%)
- Blue (100%)



- Red (74%)
- Yellow (85%)
- Blue (100%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9126, 78.4155, 105.2696 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 68.9126, 78.4155, 105.2696 by changing the saturation by 10% instead.

68.9126, 78.4155,
105.2696

68.9126, 78.4155,
105.2696

446.0489,
489.5768, 598.3490

50.9169, 58.4154,
80.0673

116.6915,
131.1357, 170.4950

36.3633, 42.1427,
59.2473

147.2054,
164.6245, 211.3551

24.8863, 29.2130,
42.3909

182.6228,
203.3784, 258.2717

16.1206, 19.2420,
29.0796

223.3089,
247.7816, 311.6631

9.7009, 11.8453,
18.8950

269.6293,
298.2187, 371.9481

5.2619, 6.6384,
11.4184

321.9491,

2.4380, 3.2370,

355.0740, 439.5450

6.2313

380.6339,
418.7319, 514.8724

■ 0.8641, 1.2567,
2.9152

■ 0.0000, 0.1073,
1.0515

■ 68.9126, 78.4155,
105.2696

■ 68.9126, 78.4155,
105.2696

■ 61.3386, 71.7523,
104.3840

■ 77.6616, 85.7909,
106.2334

■ 54.8741, 65.7606,
103.5682

■ 87.6327, 93.8980,
107.2727

■ 49.4576, 60.4097,
102.8208

94.8897, 99.9359,
108.0556

■ 45.0188, 55.6619,
102.1384

■ 41.4779, 51.4753,
101.5169

■ 38.7417, 47.8005,
100.9518

■ 36.6950, 44.5769,
100.4375

■ 35.9986, 43.3737,
100.2419

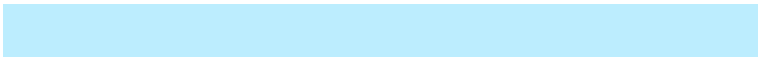
Harmonies

Analogous

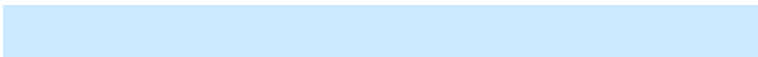
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.6038, 78.4155, 93.3991



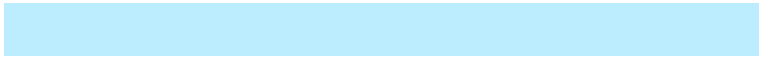
68.9126, 78.4155, 105.2696



72.7844, 78.4155, 112.0521

Triad

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



68.9126, 78.4155, 105.2696



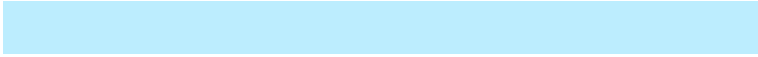
83.3402, 78.4155, 90.5244



71.8481, 78.4155, 63.9211

Complementary

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



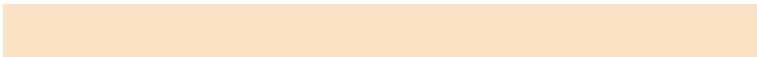
68.9126, 78.4155, 105.2696



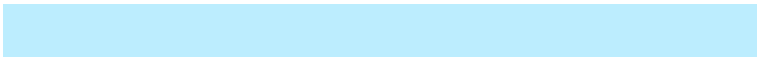
71.7824, 68.3647, 56.9910

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.



76.3065, 78.4155, 63.3185



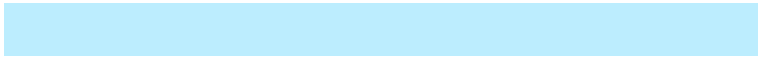
68.9126, 78.4155, 105.2696



83.0647, 78.4155, 77.8357

Square

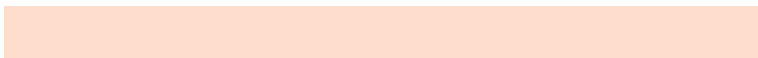
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



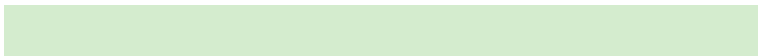
68.9126, 78.4155, 105.2696



81.1861, 78.4155, 102.9834



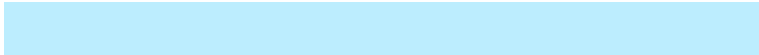
80.4480, 78.4155, 68.1701



68.2510, 78.4155, 69.9084

Rectangle

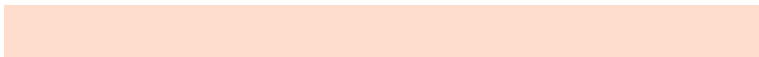
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.9126, 78.4155, 105.2696



75.7850, 78.4155, 112.3638



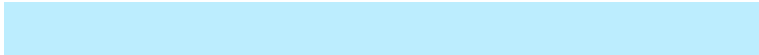
80.4480, 78.4155, 68.1701



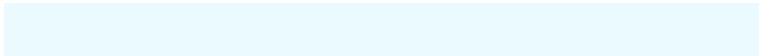
73.2920, 78.4155, 63.1059

Sweetspot

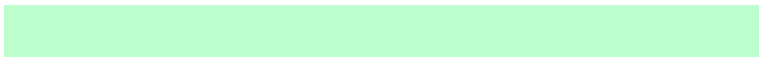
The Sweet Spot groups the original color and five complimentary colors.



68.9150, 78.4187, 105.2714



86.2858, 93.0278, 108.0162



67.1416, 85.9602, 70.4966



18.1356, 19.6429, 23.0856



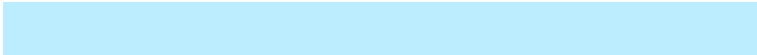
0.0000, 0.0000, 0.0000



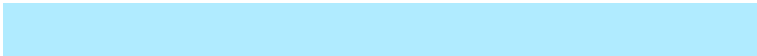
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9150, 78.4187, 105.2714



65.5491, 75.6560, 105.7560



60.3420, 61.2727, 102.4137



18.1356, 19.6429, 23.0856



19.1040, 23.1175, 52.8898



1.9482, 2.4270, 5.1791

Inverse Universe

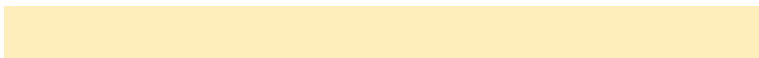
The Inverse Universe completely reimagines the original color for something new.



74.1442, 63.1536, 88.4063



71.6992, 58.2685, 85.7942



80.3808, 85.5616, 59.8572



18.5811, 18.2158, 21.6773



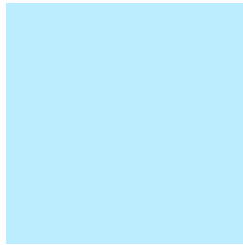
26.4310, 13.0617, 26.7178



2.6179, 1.2896, 2.8355

Previews

White Background



This preview shows how the XYZ color 68.9126, 78.4155, 105.2696 looks on a white background.

Color Contrast Check

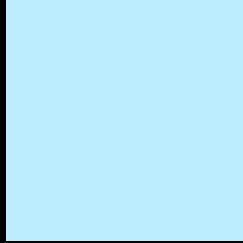
Large Text (above 18pt) WCAG AA × Fail

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 68.9126, 78.4155, 105.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

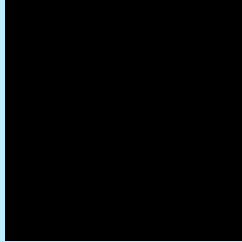
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9126, 78.4155, 105.2696

Background



This preview shows how black text looks on a background with the XYZ color 68.9126, 78.4155, 105.2696.



This preview shows how white text looks on a background with the XYZ color 68.9126, 78.4155,

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

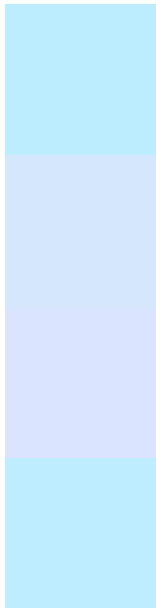




Tritanopia

69.5694, 78.7355, 106.1385

Trichromacy



Original Color

68.9126, 78.4155, 105.2696

Protanomaly

73.2718, 78.2001, 101.6748

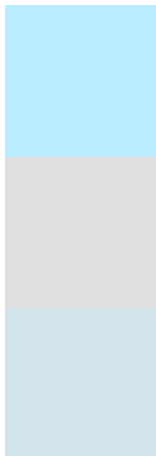
Deuteranomaly

75.0068, 77.7669, 105.6650

Tritanomaly

69.3205, 78.6072, 106.1269

Monochromacy



Original Color

68.9126, 78.4155, 105.2696

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.8787, 75.8857, 89.5617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9126, 78.4155, 105.2696 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, 237, 254)` looks like.

```
.text, #text, p{  
    color:rgb(188, 237, 254)  
}
```

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, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 237, 254) }
```

Border

The CSS property to change the border of an element to XYZ 68.9126, 78.4155, 105.2696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

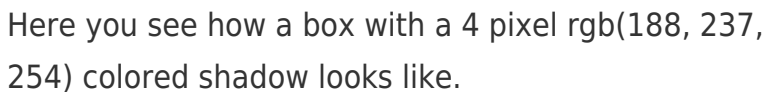
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 237, 254) }
```


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

```
.border{ border-color:rgb(188, 237, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 237, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 237, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 237, 254);  
box-shadow:4px 4px 4px 4px rgb(188, 237,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9126, 78.4155, 105.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 237, 254) }
```

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

```
.background{ background-color: rgb(188,  
237, 254) }
```

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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