

Converting Colors

XYZ(68.2493, 79.1106,
103.7703)

Have a look what the booklet for
XYZ(68.2493, 79.1106, 103.7703)
contains.

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Color

**XYZ(68.2044, 78.9516,
103.7399)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EFFC
RGB	184, 239, 252
RGB Percent	72%, 94%, 99%
CMY	0.2784, 0.0627, 0.0118
CMYK	0.27, 0.05, 0.00, 0.01
HSL	191°, 92%, 85%
HSV	191°, 27%, 99%
XYZ	68.2044, 78.9516, 103.7399
YIQ	224.0370, -36.9530, -7.6170

Conversions

Conversions Part 2

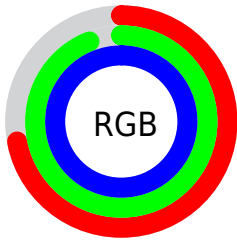
Format	Color
RYB	184, 214, 252
Decimal	12120060
CIELab	91.21, -14.48, -11.95
CIElCh	91, 18.778, 219.528
Yxy	78.9516, 0.2718, 0.3147
Android (android.graphics.Color)	4290310140 (0xFFB8EFFC)
YUV	224.0370, 13.7858, -35.1124
Hunter-Lab	88.8547, -18.4801, -7.0241

Details

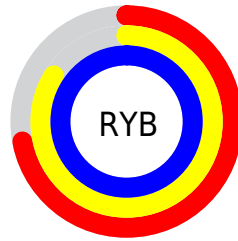
The XYZ color **68.2044, 78.9516, 103.7399** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7640, 64.0894, 54.0956**, and the grayscale version is **70.8034, 74.4907, 81.1204**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **35.8371, 42.4742, 57.9393** is the 20% darker color. If you saturate the color by 10%, you get **61.3063, 73.3318, 103.0201**, and if you desaturate by 10%, it is **76.2200, 85.2072, 104.5262**.

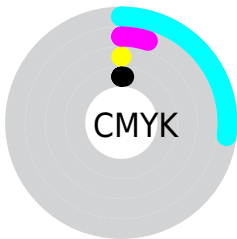
Distribution



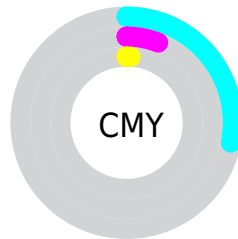
- Red (72%)
- Green (94%)
- Blue (99%)



- Red (72%)
- Yellow (84%)
- Blue (99%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (28%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2044, 78.9516, 103.7399 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 68.2044, 78.9516, 103.7399 by changing the saturation by 10% instead.

68.2044, 78.9516,
103.7399

68.2044, 78.9516,
103.7399

443.5853,
491.3926, 593.4665

50.3383, 58.8560,
78.7933

115.6848,
131.8907, 168.3838

35.9012, 42.4972,
58.2056

146.0299,
165.5030, 208.9182

24.5277, 29.4908,
41.5581

181.2653,
204.3897, 255.4855

15.8523, 19.4524,
28.4325

221.7564,
248.9352, 308.5045

9.5099, 11.9977,
18.4101

267.8686,
299.5238, 368.3935

5.1350, 6.7421,
11.0723

319.9672,

2.3623, 3.3013,

356.5400, 435.5712

6.0007

378.4177,
420.3681, 510.4560

■ 0.8262, 1.2910,
2.7767

■ 0.0000, 0.1342,
0.9818

■ 68.2044, 78.9516,
103.7399

■ 68.2044, 78.9516,
103.7399

■ 61.3063, 73.3318,
103.0201

■ 76.2200, 85.2072,
104.5262

■ 55.4614, 68.3083,
102.3585

■ 85.3993, 92.1170,
105.3761

■ 50.6093, 63.8516,
101.7540

■ 94.0799, 98.8264,
106.2136

■ 46.6805, 59.9253,
101.2032

■ 94.5709, 99.8084,
106.3773

■ 43.5963, 56.4885,
100.7024

■ 41.2641, 53.4930,
100.2471

■ 39.5662, 50.8776,
99.8318

■ 39.1244, 50.1353,
99.7118

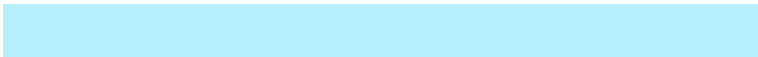
Harmonies

Analogous

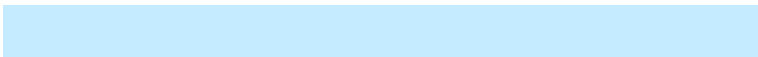
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3765, 78.9516, 90.3748



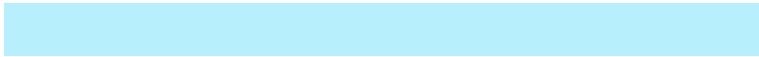
68.2044, 78.9516, 103.7399



71.8871, 78.9516, 112.9179

Triad

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



68.2044, 78.9516, 103.7399



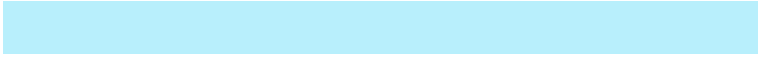
83.9413, 78.9516, 95.4567



73.5371, 78.9516, 62.6305

Complementary

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



68.2044, 78.9516, 103.7399



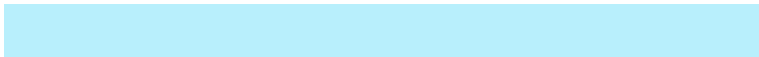
68.7640, 64.0894, 54.0956

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.



78.2861, 78.9516, 63.6833



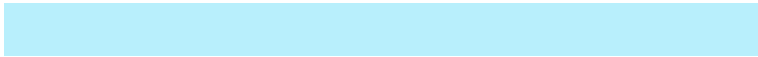
68.2044, 78.9516, 103.7399



84.4287, 78.9516, 81.7007

Square

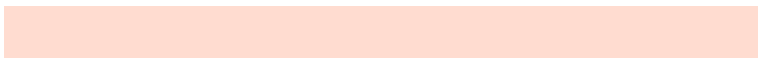
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



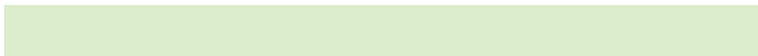
68.2044, 78.9516, 103.7399



81.0150, 78.9516, 107.7960



82.3201, 78.9516, 70.3459



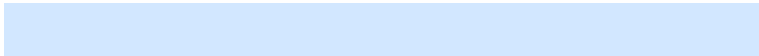
69.3684, 78.9516, 67.3002

Rectangle

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



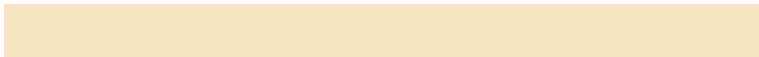
68.2044, 78.9516, 103.7399



74.9658, 78.9516, 114.9128



82.3201, 78.9516, 70.3459



75.1165, 78.9516, 62.3390

Sweetspot

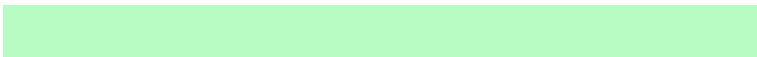
The Sweet Spot groups the original color and five complimentary colors.



68.2068, 78.9548, 103.7417



86.7077, 93.8715, 108.1568



64.5963, 83.8195, 65.2796



18.2424, 19.8565, 23.1212



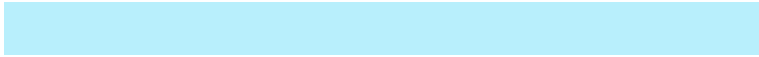
0.0000, 0.0000, 0.0000



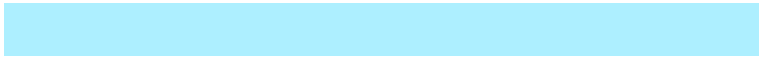
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2068, 78.9548, 103.7417



66.3568, 78.1191, 106.1889



59.2988, 61.1388, 100.7724



17.4673, 19.0115, 22.1342



20.4838, 26.3233, 51.9748



1.9671, 2.5780, 4.8371

Inverse Universe

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



72.8673, 61.2104, 89.6391



71.9000, 57.5566, 89.2938



77.2250, 81.0115, 56.9159



17.8424, 17.4643, 21.0259



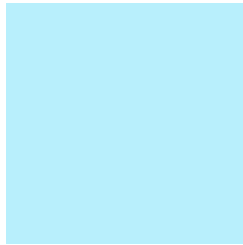
26.6313, 13.0683, 31.0966



2.5018, 1.2245, 3.0661

Previews

White Background



This preview shows how the XYZ color 68.2044, 78.9516, 103.7399 looks on a white background.

Color Contrast Check

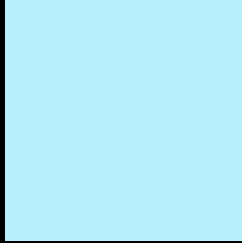
Large Text (above 18pt) WCAG AA × Fail

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 68.2044, 78.9516, 103.7399 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 68.2044, 78.9516, 103.7399

Background



This preview shows how black text looks on a background with the XYZ color 68.2044, 78.9516, 103.7399.

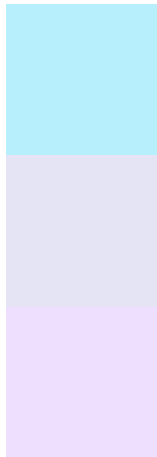


This preview shows how white text looks on a background with the XYZ color 68.2044, 78.9516,

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

68.2044, 78.9516, 103.7399

Protanopia

76.5379, 78.7374, 97.5501

Deuteranopia

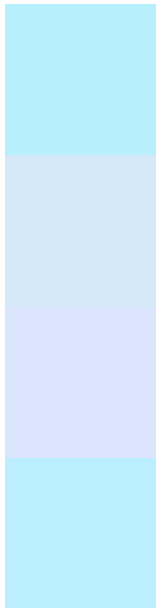
80.0343, 78.3461, 105.5118



Tritanopia

69.3205, 78.6072, 106.1269

Trichromacy



Original Color

68.2044, 78.9516, 103.7399

Protanomaly

73.2405, 78.6367, 100.1251

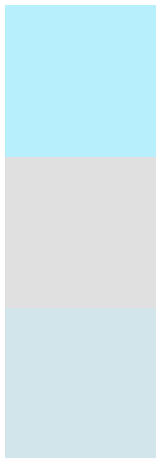
Deuteranomaly

75.1221, 78.2544, 104.9112

Tritanomaly

68.9574, 78.8696, 105.3548

Monochromacy



Original Color

68.2044, 78.9516, 103.7399

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.1651, 75.5344, 88.7761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2044, 78.9516, 103.7399 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(184, 239, 252)` looks like.

```
.text, #text, p{  
    color:rgb(184, 239, 252)  
}
```

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(184, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 239, 252) }
```

Border

The CSS property to change the border of an element to XYZ 68.2044, 78.9516, 103.7399 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(184, 239, 252) }
```


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

```
.border{ border-color:rgb(184, 239, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 239, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(184, 239,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2044, 78.9516, 103.7399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 239, 252) }
```

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

```
.background{ background-color: rgb(184,  
239, 252) }
```

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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