

Converting Colors

XYZ(69.4965, 79.5035,
102.2059)

Have a look what the booklet for
XYZ(69.4965, 79.5035, 102.2059)
contains.

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Color

**XYZ(69.6077, 79.7115,
102.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	BFEFFA
RGB	191, 239, 250
RGB Percent	75%, 94%, 98%
CMY	0.2510, 0.0627, 0.0196
CMYK	0.24, 0.04, 0.00, 0.02
HSL	191°, 86%, 86%
HSV	191°, 24%, 98%
XYZ	69.6077, 79.7115, 102.1596
YIQ	225.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

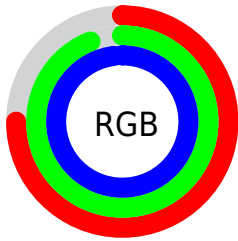
Format	Color
R _Y B	191, 217, 250
Decimal	12578810
CIE Lab	91.56, -12.91, -10.36
CIE LCh	92, 16.552, 218.730
Yxy	79.7115, 0.2768, 0.3170
Android (android.graphics.Color)	4290768890 (0xFFBFEFFA)
YUV	225.9020, 11.8803, -30.6091
Hunter-Lab	89.2813, -17.0757, -5.3453

Details

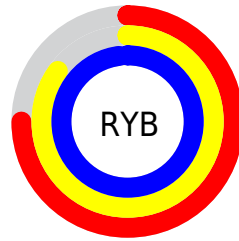
The XYZ color **69.6077, 79.7115, 102.1596** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9497, 66.3270, 58.4076**, and the grayscale version is **72.1534, 75.9110, 82.6670**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **36.8244, 42.9963, 57.3972** is the 20% darker color. If you saturate the color by 10%, you get **62.5031, 74.0517, 101.4429**, and if you desaturate by 10%, it is **77.8252, 86.0013, 102.9419**.

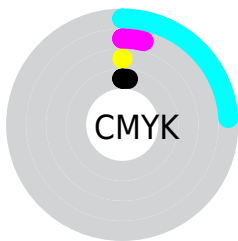
Distribution



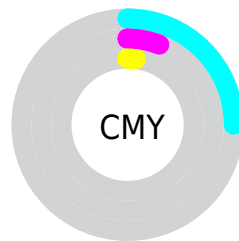
- Red (75%)
- Green (94%)
- Blue (98%)



- Red (75%)
- Yellow (85%)
- Blue (98%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6077, 79.7115, 102.1596 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 69.6077, 79.7115, 102.1596 by changing the saturation by 10% instead.

69.6077, 79.7115,
102.1596

69.6077, 79.7115,
102.1596

448.4593,
493.9600, 588.4003

51.4852, 59.4810,
77.4784

117.6785,
132.9600, 166.1995

36.8175, 43.0004,
57.1317

148.3575,
166.7468, 206.3953

25.2393, 29.8854,
40.7009

183.9527,
205.8212, 252.5998

16.3851, 19.7517,
27.7675

224.8294,
250.5675, 305.2314

9.8896, 12.2147,
17.9130

271.3531,
301.3701, 364.7087

5.3875, 6.8900,
10.7187

323.8891,

2.5135, 3.3934,

358.6135, 431.4503

5.7663

382.8027,
422.6820, 505.8746

■ 0.9021, 1.3404,
2.6370

■ 0.0000, 0.1722,
0.9115

■ 69.6077, 79.7115,
102.1596

■ 69.6077, 79.7115,
102.1596

■ 62.5031, 74.0517,
101.4429

■ 77.8252, 86.0013,
102.9419

■ 56.4498, 68.9836,
100.7837

■ 87.1996, 92.9380,
103.7867

■ 51.3904, 64.4794,
100.1810

■ 93.6159, 98.4028,
104.5033

■ 47.2594, 60.5049,
99.6315

■ 94.2556, 99.6822,
104.7166

■ 43.9830, 57.0215,
99.1319

■ 41.4757, 53.9849,
98.6779

■ 39.6336, 51.3410,
98.2647

■ 38.7068, 49.8048,
98.0170

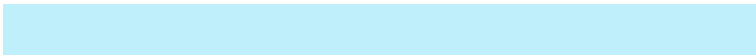
Harmonies

Analogous

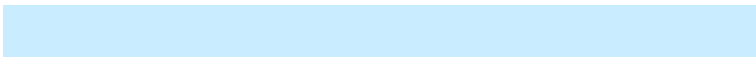
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0223, 79.7115, 90.3677



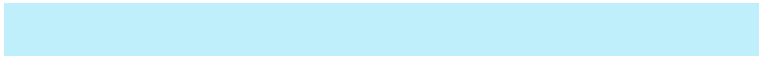
69.6077, 79.7115, 102.1596



72.8576, 79.7115, 110.3006

Triad

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



69.6077, 79.7115, 102.1596



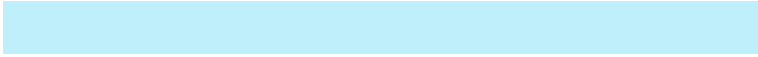
83.5798, 79.7115, 95.4988



74.5384, 79.7115, 65.7883

Complementary

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



69.6077, 79.7115, 102.1596



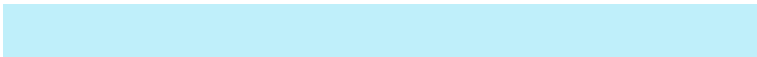
69.9497, 66.3270, 58.4076

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.



78.7454, 79.7115, 66.8866



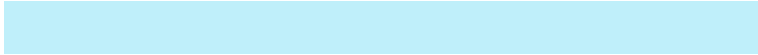
69.6077, 79.7115, 102.1596



84.0705, 79.7115, 83.3125

Square

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



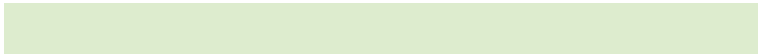
69.6077, 79.7115, 102.1596



80.9547, 79.7115, 106.2136



82.2717, 79.7115, 73.0489



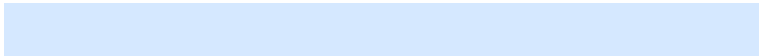
70.7989, 79.7115, 69.8956

Rectangle

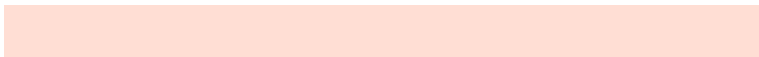
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



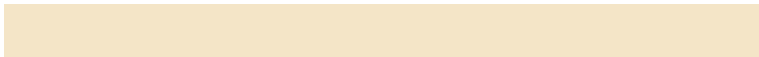
69.6077, 79.7115, 102.1596



75.5837, 79.7115, 112.1617



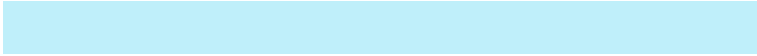
82.2717, 79.7115, 73.0489



75.9434, 79.7115, 65.5695

Sweetspot

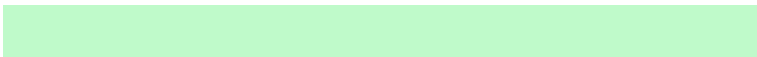
The Sweet Spot groups the original color and five complimentary colors.



69.6101, 79.7147, 102.1614



87.7329, 94.6659, 108.2561



66.3120, 83.7047, 68.4267



18.6496, 20.1674, 23.1597



0.0000, 0.0000, 0.0000



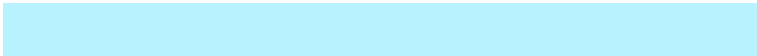
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6101, 79.7147, 102.1614



69.3819, 80.6818, 106.5241



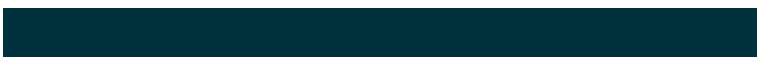
61.7113, 63.9172, 99.5285



17.4746, 19.0261, 22.1367



20.6306, 26.6167, 52.0237



1.9795, 2.6026, 4.8412

Inverse Universe

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



73.6371, 63.8195, 90.1023



74.2782, 61.7673, 91.7691



77.4944, 81.4164, 60.9225



17.8461, 17.4658, 21.0454



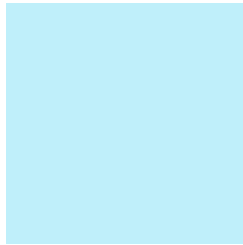
26.7054, 13.0979, 31.4866



2.5081, 1.2270, 3.0989

Previews

White Background



This preview shows how the XYZ color 69.6077, 79.7115, 102.1596 looks on a white background.

Color Contrast Check

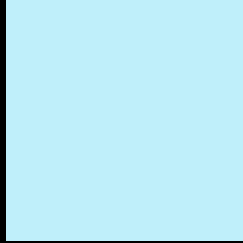
Large Text (above 18pt) WCAG AA × Fail

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 69.6077, 79.7115, 102.1596 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 69.6077, 79.7115, 102.1596

Background



This preview shows how black text looks on a background with the XYZ color 69.6077, 79.7115, 102.1596.

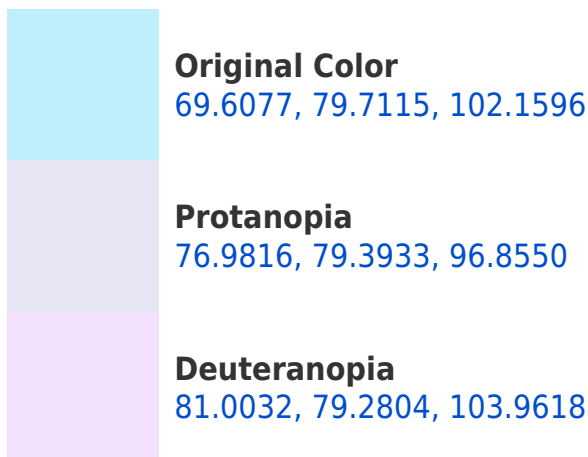


This preview shows how white text looks on a background with the XYZ color 69.6077, 79.7115,

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

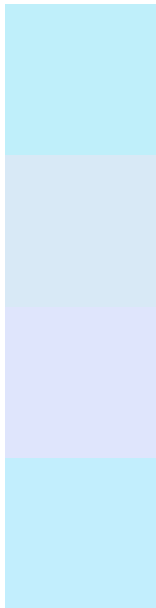




Tritanopia

71.0991, 79.5241, 106.2101

Trichromacy



Original Color

69.6077, 79.7115, 102.1596

Protanomaly

74.0924, 79.5306, 98.6346

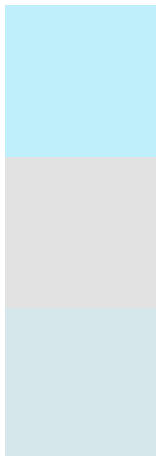
Deuteranomaly

76.0214, 78.7549, 103.2899

Tritanomaly

70.5523, 79.7103, 104.5956

Monochromacy



Original Color

69.6077, 79.7115, 102.1596

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.0119, 77.2961, 89.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6077, 79.7115, 102.1596 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(191, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(191, 239, 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(191, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 239, 250) }
```

Border

The CSS property to change the border of an element to XYZ 69.6077, 79.7115, 102.1596 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(191, 239, 250) }
```


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

```
.border{ border-color:rgb(191, 239, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 239, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(191, 239,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6077, 79.7115, 102.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 239, 250) }
```

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

```
.background{ background-color: rgb(191,  
239, 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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