

Converting Colors

XYZ(69.5538, 79.3443,
103.4706)

Have a look what the booklet for
XYZ(69.5538, 79.3443, 103.4706)
contains.

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Color

**XYZ(69.6311, 79.2537,
103.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	BFEEFC
RGB	191, 238, 252
RGB Percent	75%, 93%, 99%
CMY	0.2510, 0.0666, 0.0118
CMYK	0.24, 0.06, 0.00, 0.01
HSL	194°, 91%, 87%
HSV	194°, 24%, 99%
XYZ	69.6311, 79.2537, 103.7230
YIQ	225.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

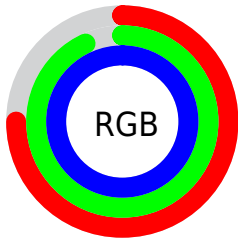
Format	Color
R_{YB}	191, 218, 252
Decimal	12578556
CIE _{Lab}	91.35, -11.97, -11.70
CIE _{LCh}	91, 16.743, 224.353
Yxy	79.2537, 0.2756, 0.3137
Android (android.graphics.Color)	4290768636 (0xFFBFEEFC)
YUV	225.5430, 13.0433, -30.2942
Hunter-Lab	89.0245, -16.1781, -6.7619

Details

The XYZ color **69.6311, 79.2537, 103.7230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.3811, 68.1201, 58.6783**, and the grayscale version is **71.8865, 75.6302, 82.3613**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **36.7316, 42.6303, 57.9223** is the 20% darker color. If you saturate the color by 10%, you get **62.1747, 72.9524, 102.9010**, and if you desaturate by 10%, it is **78.2366, 86.2316, 104.6176**.

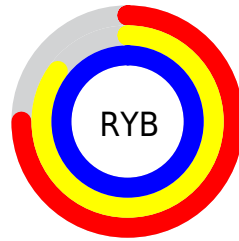
Distribution



Red (75%)

Green (93%)

Blue (99%)



Red (75%)

Yellow (85%)

Blue (99%)

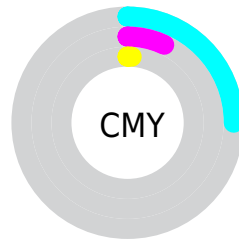


Cyan (24%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6311, 79.2537, 103.7230 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 69.6311, 79.2537, 103.7230 by changing the saturation by 10% instead.

69.6311, 79.2537,
103.7230

69.6311, 79.2537,
103.7230

448.5403,
492.4142, 593.4125

51.5044, 59.1044,
78.7792

117.7117,
132.3160, 168.3604

36.8328, 42.6972,
58.1941

148.3962,
165.9977, 208.8912

25.2512, 29.6476,
41.5490

183.9974,
204.9591, 255.4547

16.3940, 19.5713,
28.4254

224.8806,
249.5845, 308.4695

9.8960, 12.0838,
18.4047

271.4111,
300.2583, 368.3542

5.3918, 6.8008,
11.0685

323.9543,

2.5160, 3.3378,

357.3650, 435.5272

5.9982

382.8756,
421.2888, 510.4071

■ 0.9033, 1.3105,
2.7752

■ 0.0000, 0.1493,
0.9810

■ 69.6311, 79.2537,
103.7230

■ 69.6311, 79.2537,
103.7230

■ 62.1747, 72.9524,
102.9010

■ 78.2366, 86.2316,
104.6176

■ 55.8041, 67.2884,
102.1435

■ 88.0365, 93.9043,
105.5821

■ 50.4602, 62.2325,
101.4493

■ 94.5709, 99.8084,
106.3773

■ 46.0756, 57.7492,
100.8150

■ 42.5741, 53.7983,
100.2370

■ 39.8674, 50.3337,
99.7109

■ 37.8476, 47.2988,
99.2316

■ 36.9020, 45.6905,
98.9710

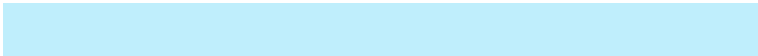
Harmonies

Analogous

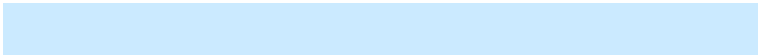
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.6806, 79.2537, 92.2306



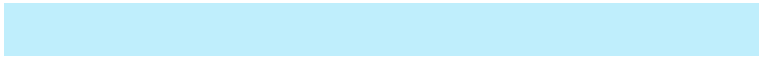
69.6311, 79.2537, 103.7230



73.1443, 79.2537, 110.8668

Triad

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



69.6311, 79.2537, 103.7230



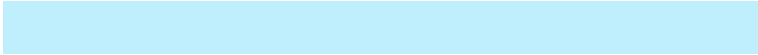
83.4801, 79.2537, 92.7655



73.3192, 79.2537, 65.5358

Complementary

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



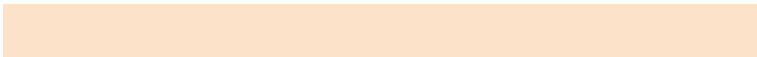
69.6311, 79.2537, 103.7230



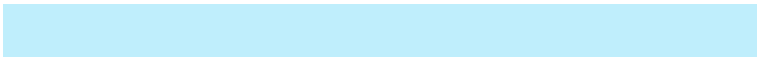
71.3811, 68.1201, 58.6783

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.



77.5553, 79.2537, 65.6498



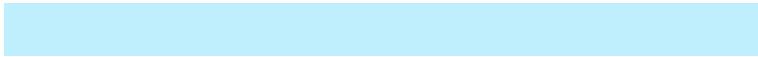
69.6311, 79.2537, 103.7230



83.5313, 79.2537, 80.6174

Square

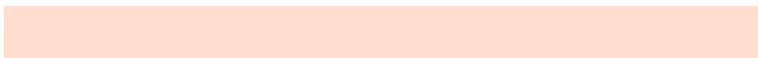
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6311, 79.2537, 103.7230



81.1907, 79.2537, 104.1462



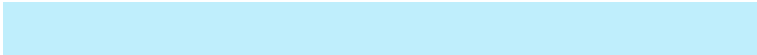
81.3280, 79.2537, 70.9354



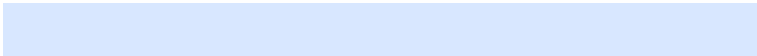
69.7550, 79.2537, 70.6079

Rectangle

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



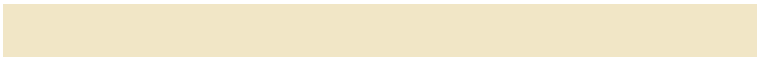
69.6311, 79.2537, 103.7230



75.9507, 79.2537, 111.8153



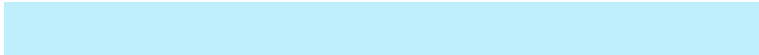
81.3280, 79.2537, 70.9354



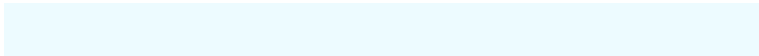
74.7093, 79.2537, 64.9851

Sweetspot

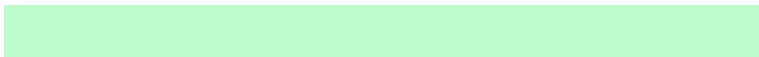
The Sweet Spot groups the original color and five complimentary colors.



69.6335, 79.2569, 103.7248



87.4924, 94.1848, 108.1759



67.2230, 85.0687, 70.1417



18.5938, 20.0557, 23.1411



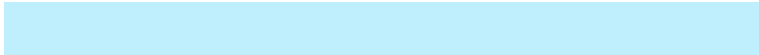
0.0000, 0.0000, 0.0000



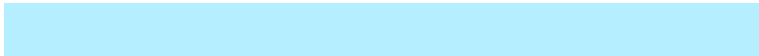
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6335, 79.2569, 103.7248



67.7014, 78.2170, 106.1369



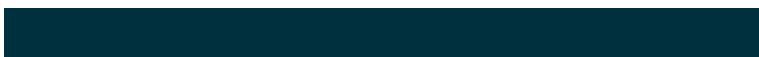
61.6833, 63.3565, 101.0747



17.4083, 18.8935, 22.1146



19.3394, 24.0344, 51.5934



1.8705, 2.3847, 4.8049

Inverse Universe

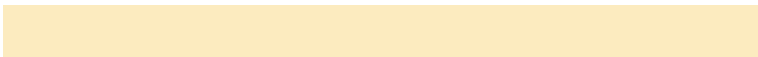
The Inverse Universe completely reimagines the original color for something new.



74.2102, 64.1320, 89.3599



73.2112, 60.5030, 88.7325



79.1776, 83.7132, 61.2772



17.8126, 17.4524, 20.8691



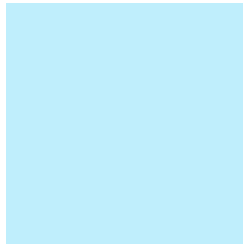
26.0537, 12.8372, 28.0548



2.4531, 1.2050, 2.8092

Previews

White Background



This preview shows how the XYZ color 69.6311, 79.2537, 103.7230 looks on a white background.

Color Contrast Check

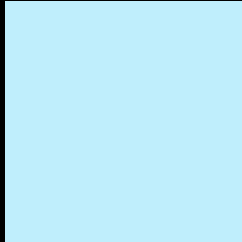
Large Text (above 18pt) WCAG AA × Fail

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 69.6311, 79.2537, 103.7230 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 69.6311, 79.2537, 103.7230

Background



This preview shows how black text looks on a background with the XYZ color 69.6311, 79.2537, 103.7230.

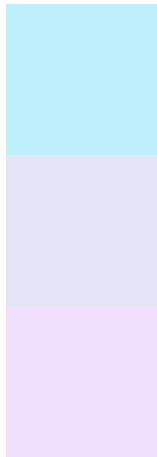


This preview shows how white text looks on a background with the XYZ color 69.6311, 79.2537,

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

69.6311, 79.2537, 103.7230

Protanopia

76.6911, 78.7986, 98.3564

Deuteranopia

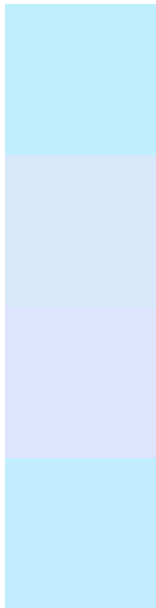
80.3729, 78.5206, 105.5276



Tritanopia

70.5823, 79.2577, 106.1859

Trichromacy



Original Color

69.6311, 79.2537, 103.7230

Protanomaly

73.8242, 78.9376, 100.1525

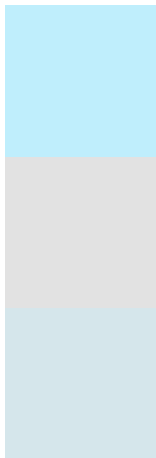
Deuteranomaly

75.7570, 78.1722, 104.8618

Tritanomaly

70.1659, 79.0616, 105.3282

Monochromacy



Original Color

69.6311, 79.2537, 103.7230

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.7328, 76.7379, 89.6811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6311, 79.2537, 103.7230 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, 238, 252)` looks like.

```
.text, #text, p{  
    color:rgb(191, 238, 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(191, 238, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 238, 252) }
```

Border

The CSS property to change the border of an element to XYZ 69.6311, 79.2537, 103.7230 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, 238, 252) }
```


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

```
.border{ border-color:rgb(191, 238, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 238, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 238, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 238, 252);  
box-shadow:4px 4px 4px 4px rgb(191, 238,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6311, 79.2537, 103.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 238, 252) }
```

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

```
.background{ background-color: rgb(191,  
238, 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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