

Converting Colors

XYZ(69.2433, 80.2269,
106.4436)

Have a look what the booklet for
XYZ(69.2433, 80.2269, 106.4436)
contains.

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Color

**XYZ(69.2725, 80.3209,
106.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F1FF
RGB	184, 241, 255
RGB Percent	72%, 95%, 100%
CMY	0.2784, 0.0549, 0.0000
CMYK	0.28, 0.05, 0.00, 0.00
HSL	192°, 100%, 86%
HSV	192°, 28%, 100%
XYZ	69.2725, 80.3209, 106.4602
YIQ	225.5530, -38.4660, -7.7300

Conversions

Conversions Part 2

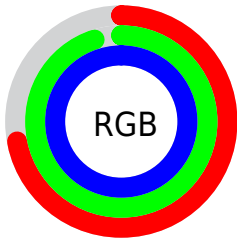
Format	Color
RYB	184, 216, 255
Decimal	12120575
CIELab	91.83, -14.81, -12.59
CIElCh	92, 19.445, 220.367
Yxy	80.3209, 0.2705, 0.3137
Android (android.graphics.Color)	4290310655 (0xFFB8F1FF)
YUV	225.5530, 14.5174, -36.4420
Hunter-Lab	89.6219, -18.8683, -7.6941

Details

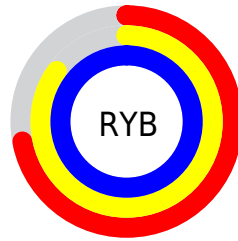
The XYZ color **69.2725, 80.3209, 106.4602** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.0860, 65.1086, 54.2227**, and the grayscale version is **71.8864, 75.6301, 82.3612**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **36.5953, 43.4423, 59.8825** is the 20% darker color. If you saturate the color by 10%, you get **62.2388, 74.5183, 105.7109**, and if you desaturate by 10%, it is **77.4525, 86.7794, 107.2757**.

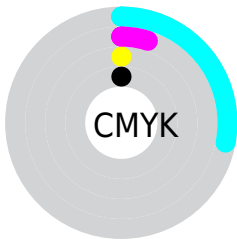
Distribution



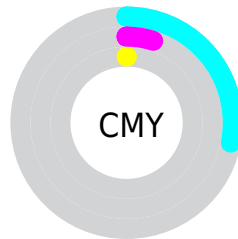
- Red (72%)
- Green (95%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2725, 80.3209, 106.4602 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 69.2725, 80.3209, 106.4602 by changing the saturation by 10% instead.

69.2725, 80.3209,
106.4602

69.2725, 80.3209,
106.4602

447.2978,
496.0136, 602.1347

51.2111, 59.9825,
81.0597

117.2026,
133.8168, 172.1360

36.5984, 43.4045,
60.0595

147.8021,
167.7431, 213.2485

25.0689, 30.2026,
43.0410

183.3116,
206.9674, 260.4354

16.2574, 19.9924,
29.5856

224.0966,
251.8741, 314.1152

9.7985, 12.3895,
19.2749

270.5224,
302.8478, 374.7065

5.3268, 7.0096,
11.6903

322.9542,

2.4770, 3.4681,

360.2726, 442.6278

6.4132

381.7576,
424.5331, 518.2977

■ 0.8837, 1.3807,
3.0251

■ 0.0000, 0.2024,
1.1075

■ 69.2725, 80.3209,
106.4602

■ 69.2725, 80.3209,
106.4602

■ 62.2388, 74.5183,
105.7109

■ 77.4525, 86.7794,
107.2757

■ 56.2856, 69.3311,
105.0234

■ 86.8275, 93.9135,
108.1586

■ 51.3498, 64.7285,
104.3952

95.0500, 100.0000,
108.9000

■ 47.3593, 60.6726,
103.8226

■ 44.2318, 57.1206,
103.3019

■ 41.8706, 54.0222,
102.8282

■ 40.1461, 51.3099,
102.3956

■ 39.8172, 50.7544,
102.3057

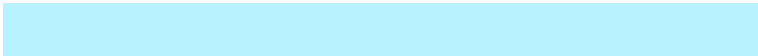
Harmonies

Analogous

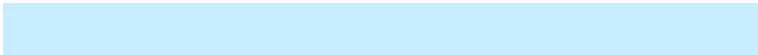
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2999, 80.3209, 92.4876



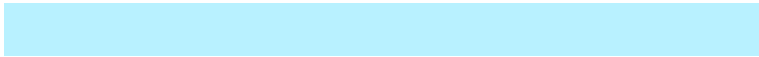
69.2725, 80.3209, 106.4602



73.1683, 80.3209, 115.9314

Triad

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



69.2725, 80.3209, 106.4602



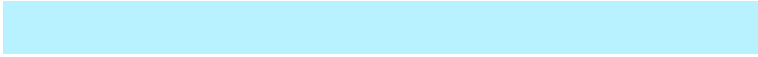
85.7275, 80.3209, 97.0035



74.6313, 80.3209, 63.1446

Complementary

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



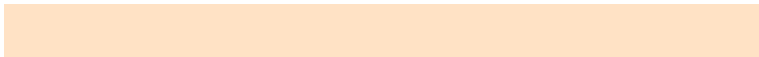
69.2725, 80.3209, 106.4602



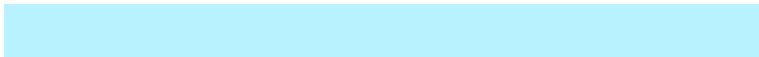
70.0860, 65.1086, 54.2227

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.



79.6074, 80.3209, 64.0724



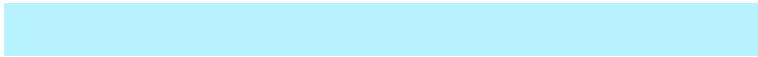
69.2725, 80.3209, 106.4602



86.1610, 80.3209, 82.6099

Square

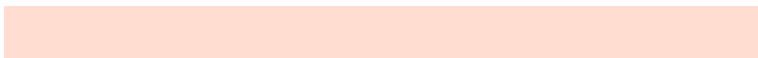
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2725, 80.3209, 106.4602



82.7182, 80.3209, 110.0738



83.8781, 80.3209, 70.8594



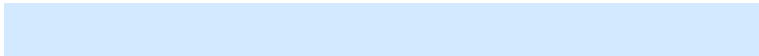
70.3034, 80.3209, 68.1700

Rectangle

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



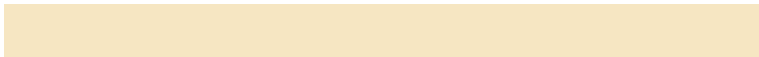
69.2725, 80.3209, 106.4602



76.4040, 80.3209, 117.8664



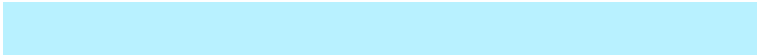
83.8781, 80.3209, 70.8594



76.2812, 80.3209, 62.7851

Sweetspot

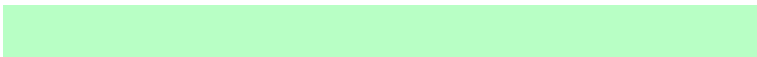
The Sweet Spot groups the original color and five complimentary colors.



69.2746, 80.3240, 106.4607



86.6695, 93.7951, 108.1440



65.6083, 85.7429, 65.9272



18.2328, 19.8371, 23.1179



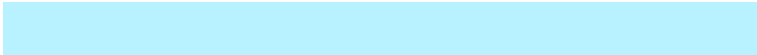
0.0000, 0.0000, 0.0000



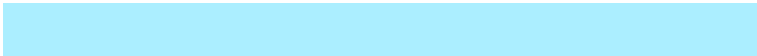
20.3446, 21.4041, 23.3091

Same Dimension

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



69.2746, 80.3240, 106.4607



65.5064, 77.2500, 106.0659



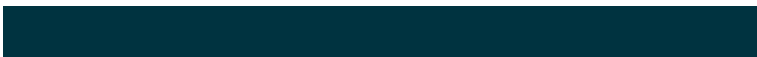
60.0065, 61.7877, 103.3713



18.2328, 19.8371, 23.1179



20.9128, 26.7351, 53.4928



2.1101, 2.7510, 5.2331

Inverse Universe

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



74.2591, 61.8936, 91.2554



71.2677, 56.5264, 88.3607



78.8947, 82.7260, 57.1589



18.6301, 18.2354, 21.9354



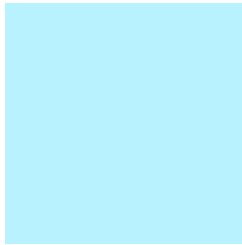
27.3440, 13.4269, 31.5256



2.6997, 1.3223, 3.2661

Previews

White Background



This preview shows how the XYZ color 69.2725, 80.3209, 106.4602 looks on a white background.

Color Contrast Check

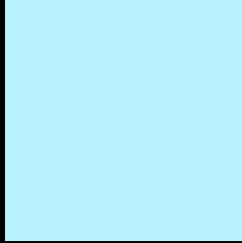
Large Text (above 18pt) WCAG AA × Fail

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 69.2725, 80.3209, 106.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

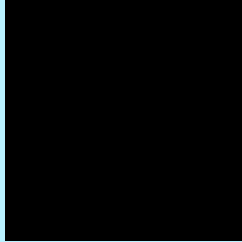
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2725, 80.3209, 106.4602

Background



This preview shows how black text looks on a background with the XYZ color 69.2725, 80.3209, 106.4602.

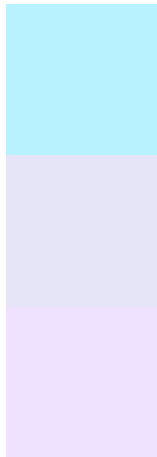


This preview shows how white text looks on a background with the XYZ color 69.2725, 80.3209,

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

69.2725, 80.3209, 106.4602

Protanopia

77.5957, 79.6389, 100.0891

Deuteranopia

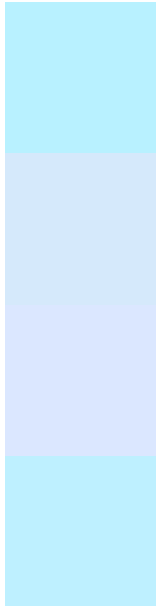
80.8430, 79.9634, 105.7813



Tritanopia

71.1646, 80.4223, 106.3800

Trichromacy



Original Color

69.2725, 80.3209, 106.4602

Protanomaly

73.9921, 79.3890, 102.6906

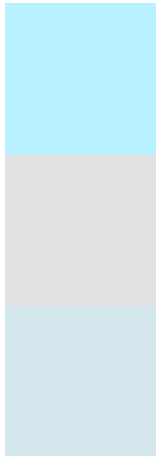
Deuteranomaly

75.8393, 79.4319, 105.9425

Tritanomaly

70.4453, 80.4873, 106.4305

Monochromacy



Original Color

69.2725, 80.3209, 106.4602

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.7259, 77.1151, 91.2778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2725, 80.3209, 106.4602 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, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 241, 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(184, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.2725, 80.3209, 106.4602 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, 241, 255) }
```


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

```
.border{ border-color:rgb(184, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2725, 80.3209, 106.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 241, 255) }
```

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

```
.background{ background-color: rgb(184,  
241, 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](#).

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