

Converting Colors

XYZ(78.3157, 80.9569,
153.8094)

Have a look what the booklet for
XYZ(78.3157, 80.9569, 153.8094)
contains.

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Color

**XYZ(69.2110, 77.2721,
105.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EAFB
RGB	192, 234, 255
RGB Percent	75%, 92%, 100%
CMY	0.2470, 0.0823, 0.0000
CMYK	0.25, 0.08, 0.00, 0.00
HSL	200°, 100%, 88%
HSV	200°, 25%, 100%
XYZ	69.2110, 77.2721, 105.8749
YIQ	223.8360, -31.7730, -2.3730

Conversions

Conversions Part 2

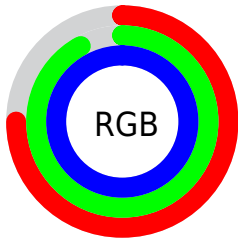
Format	Color
R _Y B	192, 217, 255
Decimal	12643071
CIE Lab	90.45, -8.99, -14.61
CIE LCh	90, 17.157, 238.394
Yxy	77.2721, 0.2743, 0.3062
Android (android.graphics.Color)	4290833151 (0xFFC0E AFF)
YUV	223.8360, 15.3639, -27.9202
Hunter-Lab	87.9046, -13.2923, -9.8775

Details

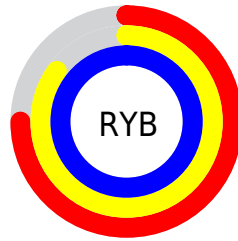
The XYZ color **69.2110, 77.2721, 105.8749** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5485, 72.6535, 59.9652**, and the grayscale version is **70.6462, 74.3253, 80.9403**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **36.4300, 41.2364, 59.4654** is the 20% darker color. If you saturate the color by 10%, you get **60.9438, 69.5060, 104.8117**, and if you desaturate by 10%, it is **78.7171, 85.8531, 107.0302**.

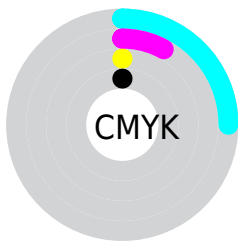
Distribution



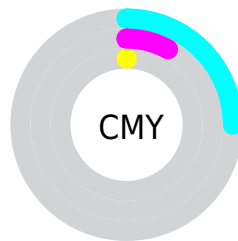
- Red (75%)
- Green (92%)
- Blue (100%)



- Red (75%)
- Yellow (85%)
- Blue (100%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2110, 77.2721, 105.8749 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 69.2110, 77.2721, 105.8749 by changing the saturation by 10% instead.

69.2110, 77.2721,
105.8749

69.2110, 77.2721,
105.8749

447.0846,
485.6913, 600.2752

51.1608, 57.4762,
80.5718

117.1153,
129.5235, 171.3295

36.5582, 41.3877,
59.6600

147.7002,
162.7478, 212.3181

25.0377, 28.6222,
42.7212

183.1940,
201.2171, 259.3722

16.2340, 18.7952,
29.3366

223.9621,
245.3157, 312.9104

9.7818, 11.5224,
19.0879

270.3698,
295.4280, 373.3513

5.3157, 6.4193,
11.5563

322.7826,

2.4703, 3.1017,

351.9384, 441.1134

6.3235

381.5657,
415.2314, 516.6152

■ 0.8803, 1.1851,
2.9708

■ 0.0000, 0.0495,
1.0797

■ 69.2110, 77.2721,
105.8749

■ 69.2110, 77.2721,
105.8749

■ 60.9438, 69.5060,
104.8117

■ 78.7171, 85.8531,
107.0302

■ 53.8498, 62.5126,
103.8357

■ 89.5108, 95.2706,
108.2791

■ 47.8668, 56.2594,
102.9441

95.0500, 100.0000,
108.9000

■ 42.9235, 50.7073,
102.1329

■ 38.9399, 45.8123,
101.3980

■ 35.8231, 41.5240,
100.7346

■ 33.4593, 37.7810,
100.1367

■ 32.4275, 35.9751,
99.8425

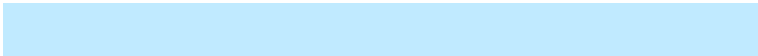
Harmonies

Analogous

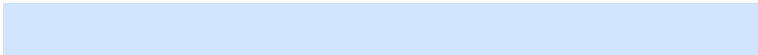
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.4327, 77.2721, 95.8632



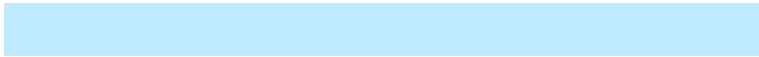
69.2110, 77.2721, 105.8749



73.2142, 77.2721, 109.9959

Triad

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



69.2110, 77.2721, 105.8749



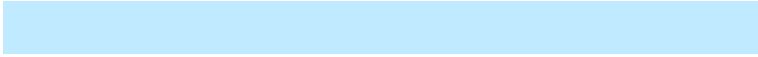
81.9924, 77.2721, 84.7991



69.5961, 77.2721, 65.0390

Complementary

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



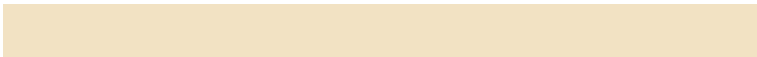
69.2110, 77.2721, 105.8749



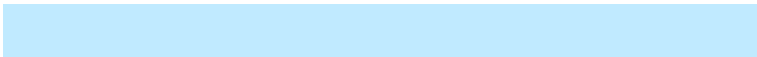
74.5485, 72.6535, 59.9652

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.



73.6759, 77.2721, 62.6848



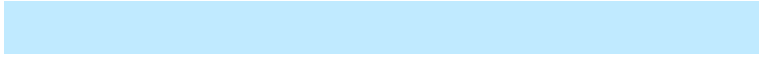
69.2110, 77.2721, 105.8749



80.9338, 77.2721, 73.4068

Square

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



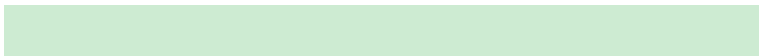
69.2110, 77.2721, 105.8749



80.6877, 77.2721, 97.1180



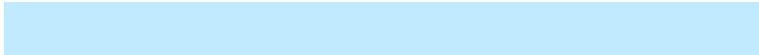
77.8479, 77.2721, 65.5975



66.6489, 77.2721, 72.3661

Rectangle

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



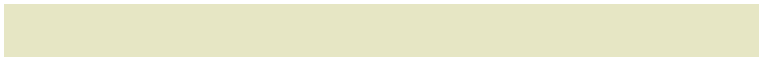
69.2110, 77.2721, 105.8749



76.0755, 77.2721, 108.5717



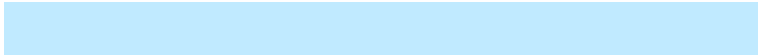
77.8479, 77.2721, 65.5975



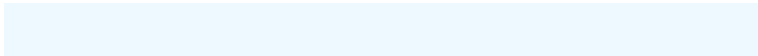
70.8755, 77.2721, 63.6731

Sweetspot

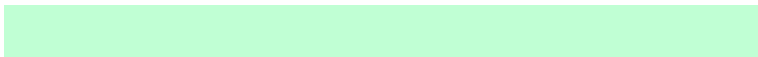
The Sweet Spot groups the original color and five complimentary colors.



69.2131, 77.2751, 105.8754



86.9166, 93.0333, 107.9840



69.3766, 87.4779, 75.4840



18.4602, 19.7886, 23.0966



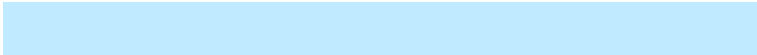
0.0000, 0.0000, 0.0000



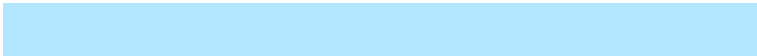
20.3446, 21.4041, 23.3091

Same Dimension

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



69.2131, 77.2751, 105.8754



64.6842, 73.0625, 105.3010



61.2756, 61.4001, 103.2296



18.0149, 19.4015, 23.0453



17.0871, 19.0837, 52.2175



1.7643, 2.0592, 5.1178

Inverse Universe

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



74.9422, 64.9013, 86.4227



71.4735, 58.9855, 82.1169



82.9403, 89.4371, 62.7625



18.5202, 18.1914, 21.3565



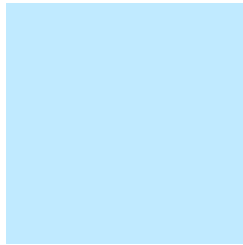
25.4130, 12.6545, 21.3569



2.5251, 1.2524, 2.3467

Previews

White Background



This preview shows how the XYZ color 69.2110, 77.2721, 105.8749 looks on a white background.

Color Contrast Check

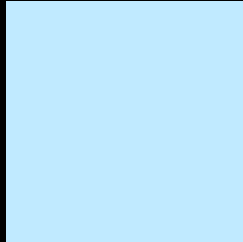
Large Text (above 18pt) WCAG AA × Fail

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 69.2110, 77.2721, 105.8749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

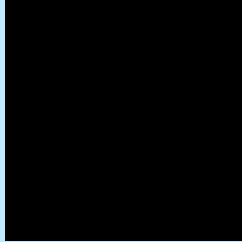
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2110, 77.2721, 105.8749

Background



This preview shows how black text looks on a background with the XYZ color 69.2110, 77.2721, 105.8749.

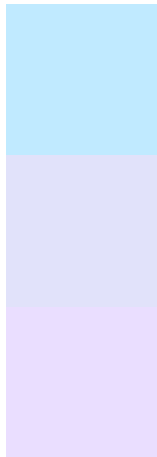


This preview shows how white text looks on a background with the XYZ color 69.2110, 77.2721,

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

69.2110, 77.2721, 105.8749

Protanopia

75.5030, 77.3024, 101.3839

Deuteranopia

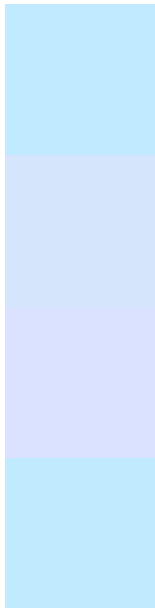
78.1030, 76.9550, 105.3451



Tritanopia

68.8907, 77.1440, 104.1879

Trichromacy



Original Color

69.2110, 77.2721, 105.8749

Protanomaly

73.0306, 77.2130, 103.1499

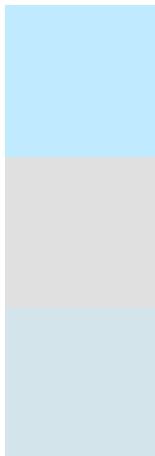
Deuteranomaly

74.4598, 76.6728, 105.4826

Tritanomaly

69.0504, 77.2079, 105.0292

Monochromacy



Original Color

69.2110, 77.2721, 105.8749

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.8902, 75.4820, 89.4831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2110, 77.2721, 105.8749 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(192, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 234, 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(192, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.2110, 77.2721, 105.8749 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(192, 234, 255) }
```


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

```
.border{ border-color:rgb(192, 234, 255) }
```

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

Here you see how a box with a 4 pixel rgb(192, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2110, 77.2721, 105.8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 234, 255) }
```

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

```
.background{ background-color: rgb(192,  
234, 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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