

Converting Colors

XYZ(73.0325, 84.9203,
108.3993)

Have a look what the booklet for
XYZ(73.0325, 84.9203, 108.3993)
contains.

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Color

**XYZ(72.7966, 84.8179,
107.1424)**

Conversions

Conversions Part 1	
Format	Color
Hex	BFF7FF
RGB	191, 247, 255
RGB Percent	75%, 97%, 100%
CMY	0.2510, 0.0314, 0.0000
CMYK	0.25, 0.03, 0.00, 0.00
HSL	187°, 100%, 87%
HSV	187°, 25%, 100%
XYZ	72.7966, 84.8179, 107.1424
YIQ	231.1680, -35.9440, -9.3840

Conversions

Conversions Part 2

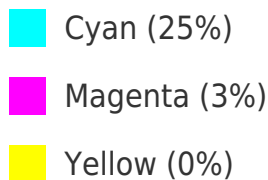
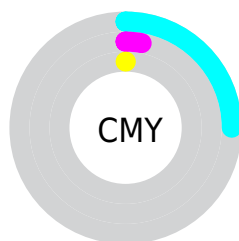
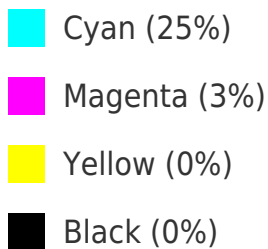
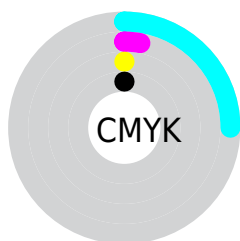
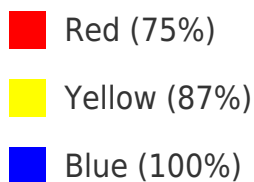
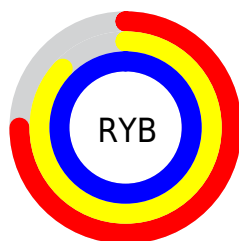
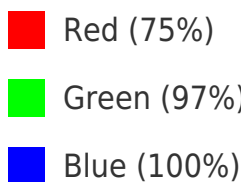
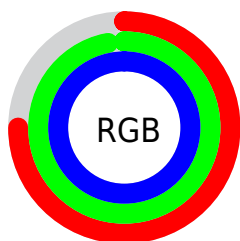
Format	Color
RYB	191, 221, 255
Decimal	12580863
CIELab	93.80, -15.83, -9.61
CIELCh	94, 18.517, 211.266
Yxy	84.8179, 0.2750, 0.3204
Android (android.graphics.Color)	4290770943 (0xFFBFF7FF)
YUV	231.1680, 11.7492, -35.2273
Hunter-Lab	92.0966, -20.0761, -4.5085

Details

The XYZ color **72.7966, 84.8179, 107.1424** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.0673, 65.8677, 58.2600**, and the grayscale version is **76.0170, 79.9758, 87.0937**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **38.9772, 46.5731, 60.3613** is the 20% darker color. If you saturate the color by 10%, you get **65.9682, 79.8659, 106.5465**, and if you desaturate by 10%, it is **80.7626, 90.3854, 107.7972**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7966, 84.8179, 107.1424 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 72.7966, 84.8179, 107.1424 by changing the saturation by 10% instead.


 72.7966, 84.8179,
107.1424

 72.7966, 84.8179,
107.1424


459.4243,
511.0253, 604.2983

 54.0974, 63.6909,
81.6287


 122.1931,
140.1187, 173.0755

 38.9106, 46.4004,
60.5255


153.6212,
175.0614, 214.3321

 26.8706, 32.5619,
43.4143


190.0229,
215.3780, 261.6732

 17.6121, 21.7910,
29.8765

231.7637,
261.4531, 315.5177

 10.7699, 13.7034,
19.4936

279.2089,
313.6710, 376.2838

 5.9785, 7.9147,
11.8471

332.7238,

 2.8725, 4.0404,

372.4160, 444.3903

6.5184

392.6738,
438.0727, 520.2556

1.0867, 1.6962,
3.0889

0.0140, 0.4212,
1.1402

72.7966, 84.8179,
107.1424

72.7966, 84.8179,
107.1424

65.9682, 79.8659,
106.5465

80.7626, 90.3854,
107.7972

60.2126, 75.4894,
106.0051

89.9132, 96.5862,
108.5118

55.4690, 71.6591,
105.5158

95.0500, 100.0000,
108.9000

51.6675, 68.3389,
105.0753

■ 48.7294, 65.4879,
104.6799

■ 46.5627, 63.0587,
104.3252

■ 45.0542, 60.9927,
104.0059

■ 44.4758, 60.0716,
103.8586

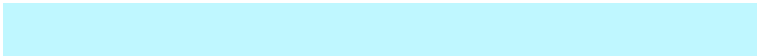
Harmonies

Analogous

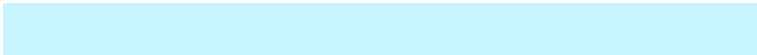
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5225, 84.8179, 92.9521



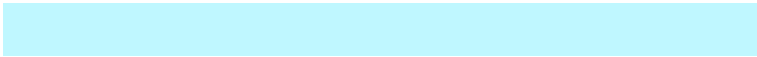
72.7966, 84.8179, 107.1424



76.1531, 84.8179, 118.2095

Triad

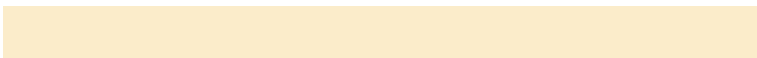
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7966, 84.8179, 107.1424



89.2015, 84.8179, 106.0018



80.4080, 84.8179, 67.8235

Complementary

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



72.7966, 84.8179, 107.1424



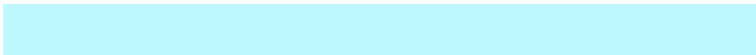
71.0673, 65.8677, 58.2600

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.



85.2517, 84.8179, 70.5707



72.7966, 84.8179, 107.1424



90.4512, 84.8179, 91.7550

Square

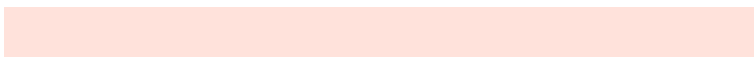
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



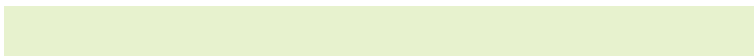
72.7966, 84.8179, 107.1424



85.6280, 84.8179, 117.5053



88.9781, 84.8179, 78.9900



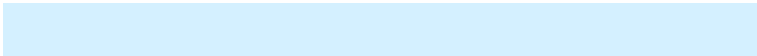
75.8051, 84.8179, 71.0721

Rectangle

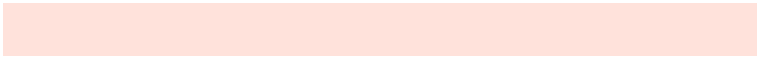
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



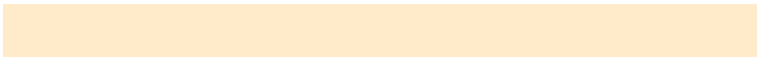
72.7966, 84.8179, 107.1424



79.1886, 84.8179, 121.8088



88.9781, 84.8179, 78.9900



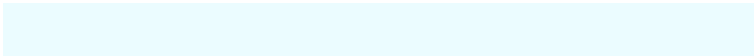
82.0622, 84.8179, 68.0743

Sweetspot

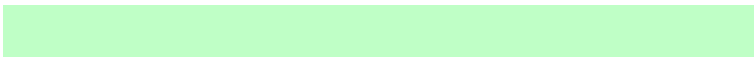
The Sweet Spot groups the original color and five complimentary colors.



72.7988, 84.8212, 107.1430



87.1314, 94.7188, 108.2980



67.4939, 86.6957, 66.8870



18.3498, 20.0713, 23.1569



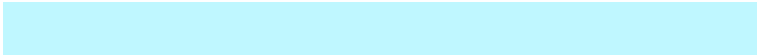
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



72.7988, 84.8212, 107.1430



69.3116, 82.3173, 106.8435



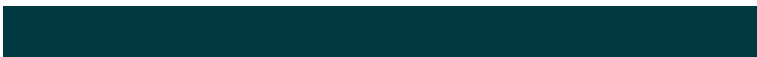
63.9736, 67.1706, 104.2012



18.3498, 20.0713, 23.1569



23.3157, 31.5410, 54.2937



2.3221, 3.1749, 5.3037

Inverse Universe

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



76.6607, 65.2386, 96.5514



73.8092, 59.9198, 94.4166



79.0715, 81.8761, 60.9281



18.6892, 18.2590, 22.2466



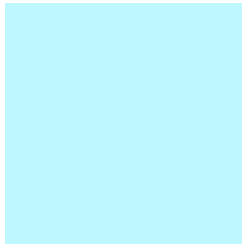
28.5569, 13.9121, 37.9127



2.8067, 1.3651, 3.8295

Previews

White Background



This preview shows how the XYZ color 72.7966, 84.8179, 107.1424 looks on a white background.

Color Contrast Check

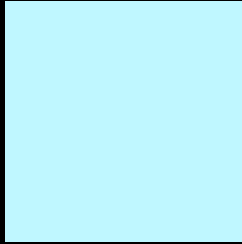
Large Text (above 18pt) WCAG AA × Fail

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 72.7966, 84.8179, 107.1424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

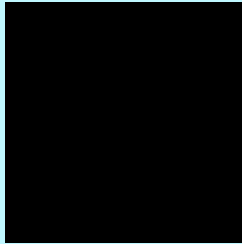
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7966, 84.8179, 107.1424

Background



This preview shows how black text looks on a background with the XYZ color 72.7966, 84.8179, 107.1424.

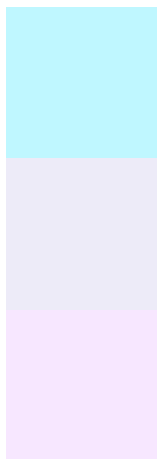


This preview shows how white text looks on a background with the XYZ color 72.7966, 84.8179,

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

72.7966, 84.8179, 107.1424

Protanopia

81.5767, 84.1985, 100.7593

Deuteranopia

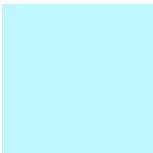
84.9837, 84.1460, 106.3704



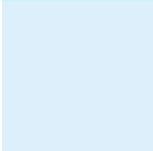
Tritanopia

76.3805, 84.4259, 106.8779

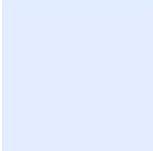
Trichromacy



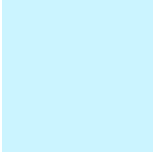
Original Color
72.7966, 84.8179, 107.1424



Protanomaly
77.7943, 83.9137, 103.3636



Deuteranomaly
80.0127, 84.1193, 106.6273

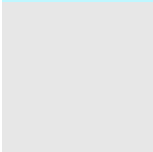


Tritanomaly
75.0293, 84.6179, 106.9862

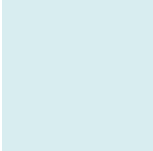
Monochromacy



Original Color
72.7966, 84.8179, 107.1424



Achromatopsia
75.9547, 79.9103, 87.0223



Achromatomaly
74.3313, 81.4586, 94.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7966, 84.8179, 107.1424 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, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 247, 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(191, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.7966, 84.8179, 107.1424 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, 247, 255) }
```


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

```
.border{ border-color:rgb(191, 247, 255) }
```

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

Here you see how a box with a 4 pixel rgb(191, 247, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7966, 84.8179, 107.1424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 247, 255) }
```

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

```
.background{ background-color: rgb(191,  
247, 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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