

Converting Colors

XYZ(70.9676, 81.6725,
104.9525)

Have a look what the booklet for
XYZ(70.9676, 81.6725, 104.9525)
contains.

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Color

**XYZ(70.9676, 81.6725,
104.9525)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BFF2FD |
| RGB | 191, 242, 253 |
| RGB Percent | 75%, 95%, 99% |
| CMY | 0.2510, 0.0510, 0.0078 |
| CMYK | 0.25, 0.04, 0.00, 0.01 |
| HSL | 191°, 94%, 87% |
| HSV | 191°, 25%, 99% |
| XYZ | 70.9676, 81.6725, 104.9525 |
| YIQ | 228.0050, -33.9270, -7.3910 |

Conversions

Conversions Part 2

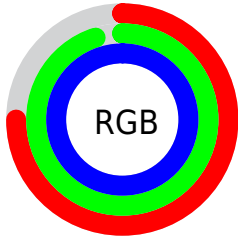
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 191, 219, 253 |
| Decimal | 12579581 |
| CIE _{Lab} | 92.43, -13.77, -10.62 |
| CIE _{LCh} | 92, 17.384, 217.635 |
| Yxy | 81.6725, 0.2755, 0.3171 |
| Android (android.graphics.Color) | 4290769661 (0xFFBFF2FD) |
| YUV | 228.0050, 12.3225, -32.4534 |
| Hunter-Lab | 90.3728, -17.9807, -5.5941 |

Details

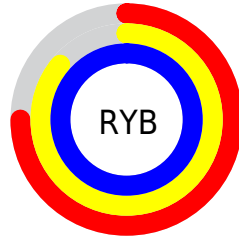
The XYZ color **70.9676, 81.6725, 104.9525** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.0334, 66.8856, 58.4582**, and the grayscale version is **73.6789, 77.5160, 84.4149**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **37.6761, 44.3376, 58.7968** is the 20% darker color. If you saturate the color by 10%, you get **63.8277, 76.0352, 104.2421**, and if you desaturate by 10%, it is **79.2441, 87.9485, 105.7290**.

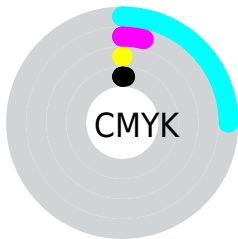
Distribution



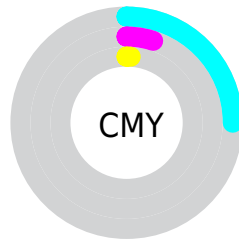
- Red (75%)
- Green (95%)
- Blue (99%)



- Red (75%)
- Yellow (86%)
- Blue (99%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (25%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9676, 81.6725, 104.9525 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 70.9676, 81.6725, 104.9525 by changing the saturation by 10% instead.

70.9676, 81.6725,
104.9525

70.9676, 81.6725,
104.9525

453.1538,
500.5516, 597.3386

52.5982, 61.0956,
79.8031

119.6064,
135.7146, 170.0576

37.7083, 44.3023,
59.0311

150.6064,
169.9487, 210.8504

25.9326, 30.9083,
42.2180

186.5474,
209.5039, 257.6947

16.9056, 20.5290,
28.9452

227.7947,
254.7647, 311.0091

10.2621, 12.7802,
18.7941

274.7136,
306.1155, 371.2122

5.6367, 7.2773,
11.3463

327.6695,

2.6640, 3.6361,

363.9406, 438.7224

6.1832

387.0278,
428.6245, 513.9584

■ 0.9787, 1.4722,
2.8862

■ 0.0000, 0.2690,
1.0368

■ 70.9676, 81.6725,
104.9525

■ 70.9676, 81.6725,
104.9525

■ 63.8277, 76.0352,
104.2421

■ 79.2441, 87.9485,
105.7290

■ 57.7604, 70.9971,
103.5894

■ 88.7027, 94.8808,
106.5686

■ 52.7064, 66.5293,
102.9934

■ 94.7299, 99.8720,
107.2143

■ 48.5975, 62.5964,
102.4508

■ 45.3568, 59.1583,
101.9580

■ 42.8949, 56.1686,
101.5107

■ 41.1025, 53.5706,
101.1037

■ 40.3165, 52.2653,
100.8932

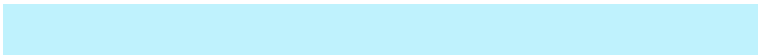
Harmonies

Analogous

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



69.3545, 81.6725, 92.2645



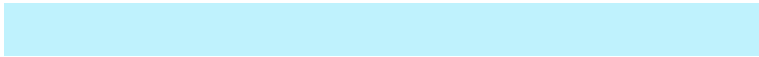
70.9676, 81.6725, 104.9525



74.3777, 81.6725, 113.8989

Triad

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



70.9676, 81.6725, 104.9525



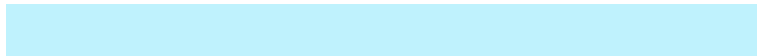
85.9166, 81.6725, 98.7048



76.4820, 81.6725, 66.5360

Complementary

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



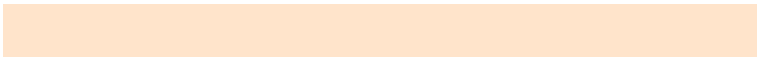
70.9676, 81.6725, 104.9525



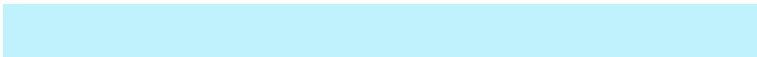
71.0334, 66.8856, 58.4582

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.



80.9701, 81.6725, 67.9019



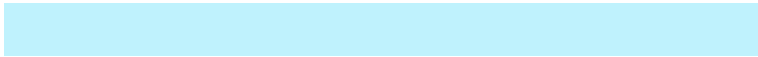
70.9676, 81.6725, 104.9525



86.5331, 81.6725, 85.6719

Square

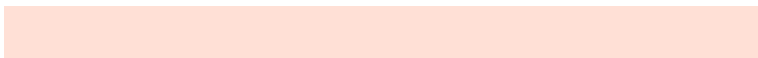
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



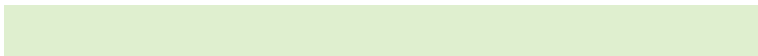
70.9676, 81.6725, 104.9525



83.0378, 81.6725, 110.0555



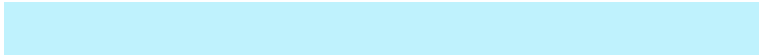
84.6910, 81.6725, 74.6228



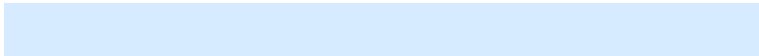
72.4570, 81.6725, 70.6929

Rectangle

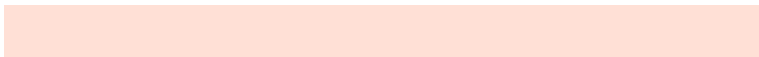
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



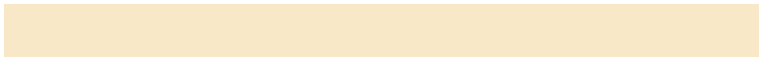
70.9676, 81.6725, 104.9525



77.2704, 81.6725, 116.0886



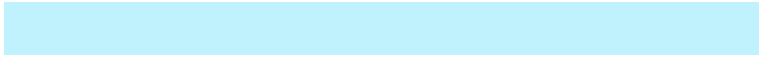
84.6910, 81.6725, 74.6228



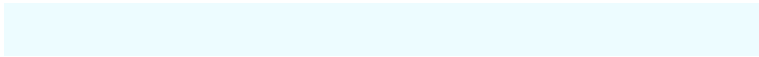
77.9852, 81.6725, 66.3722

Sweetspot

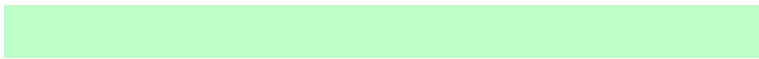
The Sweet Spot groups the original color and five complimentary colors.



70.9700, 81.6758, 104.9544



87.7834, 94.7669, 108.2729



67.1946, 85.5612, 68.4392



18.6613, 20.1909, 23.1636



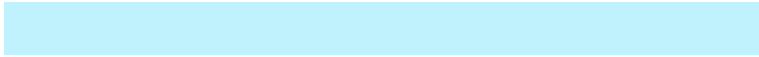
0.0000, 0.0000, 0.0000



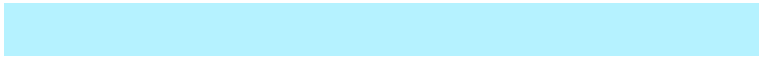
20.3446, 21.4041, 23.3091

Same Dimension

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



70.9700, 81.6758, 104.9544



68.8352, 80.4846, 106.5148



62.6773, 65.0904, 102.1901



18.2647, 19.9010, 23.1286



21.5440, 27.9975, 53.7032



2.1662, 2.8630, 5.2517

Inverse Universe

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



75.1678, 64.5569, 92.5071



73.7835, 60.7319, 91.7462



78.8640, 82.5469, 61.0684



18.6463, 18.2418, 22.0203



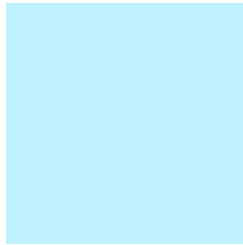
27.6626, 13.5543, 33.2034



2.7280, 1.3336, 3.4149

Previews

White Background



This preview shows how the XYZ color 70.9676, 81.6725, 104.9525 looks on a white background.

Color Contrast Check

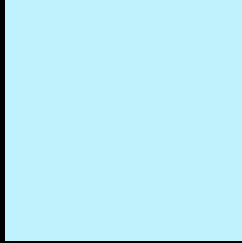
Large Text (above 18pt) WCAG AA × Fail

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 70.9676, 81.6725, 104.9525 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 70.9676, 81.6725, 104.9525

Background



This preview shows how black text looks on a background with the XYZ color 70.9676, 81.6725, 104.9525.

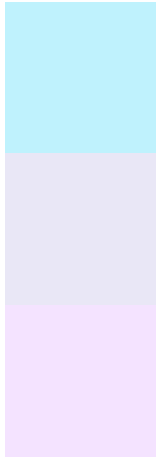


This preview shows how white text looks on a background with the XYZ color 70.9676, 81.6725,

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

70.9676, 81.6725, 104.9525

Protanopia

78.8147, 81.1293, 98.6943

Deuteranopia

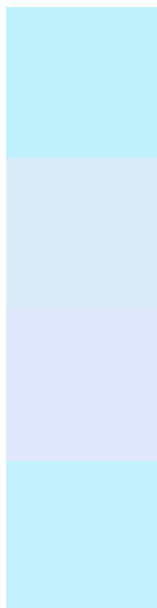
82.8273, 81.3913, 105.9524



Tritanopia

73.0039, 81.3705, 106.4661

Trichromacy



Original Color

70.9676, 81.6725, 104.9525

Protanomaly

75.7207, 81.1616, 101.2974

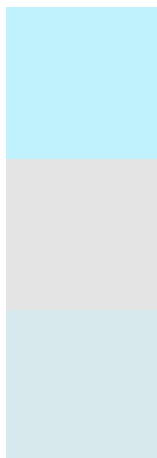
Deuteranomaly

77.7973, 80.8765, 105.2763

Tritanomaly

72.0754, 81.3463, 105.6685

Monochromacy



Original Color

70.9676, 81.6725, 104.9525

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.4493, 78.8393, 91.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9676, 81.6725, 104.9525 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, 242, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 242, 253)  
}
```

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, 242, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 242, 253) }
```

Border

The CSS property to change the border of an element to XYZ 70.9676, 81.6725, 104.9525 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, 242, 253) }
```


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

```
.border{ border-color:rgb(191, 242, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 242, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 242, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 242, 253);  
box-shadow:4px 4px 4px 4px rgb(191, 242,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9676, 81.6725, 104.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 242, 253) }
```

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

```
.background{ background-color: rgb(191,  
242, 253) }
```

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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