

Converting Colors

XYZ(69.2019, 80.5103,
104.5079)

Have a look what the booklet for
XYZ(69.2019, 80.5103, 104.5079)
contains.

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Color

**XYZ(69.1925, 80.3167,
104.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F1FD
RGB	185, 241, 253
RGB Percent	73%, 95%, 99%
CMY	0.2745, 0.0549, 0.0078
CMYK	0.27, 0.05, 0.00, 0.01
HSL	191°, 94%, 86%
HSV	191°, 27%, 99%
XYZ	69.1925, 80.3167, 104.7844
YIQ	225.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

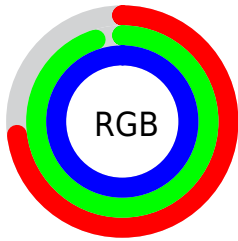
Format	Color
R _{YB}	185, 216, 253
Decimal	12186109
CIE _{Lab}	91.83, -14.98, -11.55
CIE _{LCh}	92, 18.916, 217.633
Yxy	80.3167, 0.2721, 0.3158
Android (android.graphics.Color)	4290376189 (0xFFB9F1FD)
YUV	225.6240, 13.4964, -35.6272
Hunter-Lab	89.6196, -19.0200, -6.5889

Details

The XYZ color **69.1925, 80.3167, 104.7844** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.2322, 64.3185, 54.6665**, and the grayscale version is **71.9442, 75.6909, 82.4273**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **36.5187, 43.4293, 58.6825** is the 20% darker color. If you saturate the color by 10%, you get **62.3192, 74.8378, 104.0905**, and if you desaturate by 10%, it is **77.1890, 86.4267, 105.5436**.

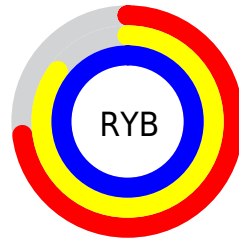
Distribution



Red (73%)

Green (95%)

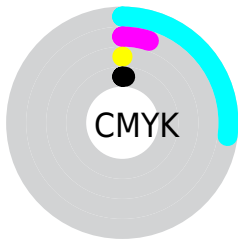
Blue (99%)



Red (73%)

Yellow (85%)

Blue (99%)

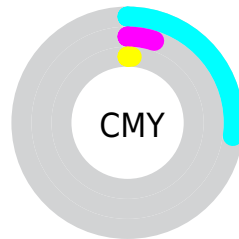


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (5%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1925, 80.3167, 104.7844 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 69.1925, 80.3167, 104.7844 by changing the saturation by 10% instead.

69.1925, 80.3167,
104.7844

69.1925, 80.3167,
104.7844

447.0204,
495.9995, 596.8026

51.1457, 59.9790,
79.6631

117.0890,
133.8109, 169.8257

36.5461, 43.4017,
58.9166

147.6695,
167.7362, 210.5827

25.0283, 30.2004,
42.1264

183.1586,
206.9595, 257.3887

16.2270, 19.9908,
28.8740

223.9216,
251.8651, 310.6623

9.7768, 12.3883,
18.7408

270.3239,
302.8376, 370.8219

5.3123, 7.0087,
11.3082

322.7309,

2.4683, 3.4676,

360.2612, 438.2861

6.1578

381.5080,
424.5204, 513.4735

■ 0.8793, 1.3804,
2.8709

■ 0.0000, 0.2022,
1.0291

■ 69.1925, 80.3167,
104.7844

■ 69.1925, 80.3167,
104.7844

■ 62.3192, 74.8378,
104.0905

■ 77.1890, 86.4267,
105.5436

■ 56.5040, 69.9501,
103.4535

■ 86.3550, 93.1860,
106.3652

■ 51.6863, 65.6239,
102.8724

■ 94.5375, 99.4871,
107.1502

■ 47.7960, 61.8229,
102.3438

■ 94.7299, 99.8720,
107.2143

■ 44.7538, 58.5058,
101.8639

■ 42.4664, 55.6242,
101.4282

■ 40.8157, 53.1168,
101.0313

■ 40.3746, 52.3814,
100.9126

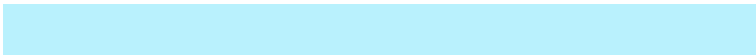
Harmonies

Analogous

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



67.4681, 80.3167, 91.0452



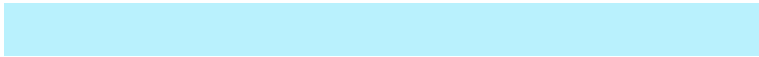
69.1925, 80.3167, 104.7844



72.8464, 80.3167, 114.5327

Triad

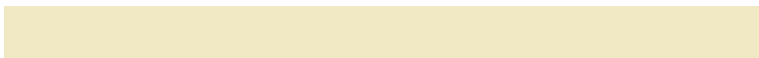
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1925, 80.3167, 104.7844



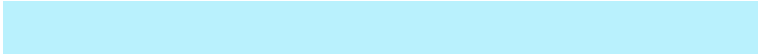
85.2867, 80.3167, 98.0076



75.1072, 80.3167, 63.5722

Complementary

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



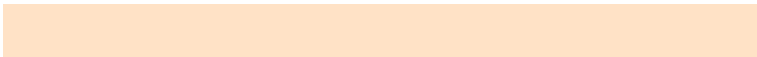
69.1925, 80.3167, 104.7844



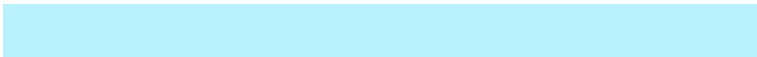
69.2322, 64.3185, 54.6665

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.



79.9407, 80.3167, 65.0154



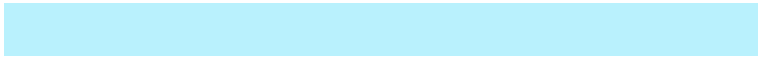
69.1925, 80.3167, 104.7844



85.9545, 80.3167, 83.9531

Square

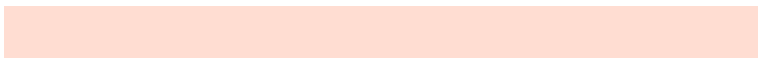
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



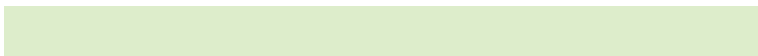
69.1925, 80.3167, 104.7844



82.1725, 80.3167, 110.3404



83.9606, 80.3167, 72.1434



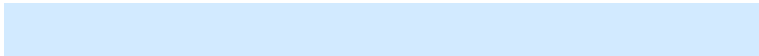
70.7876, 80.3167, 67.9689

Rectangle

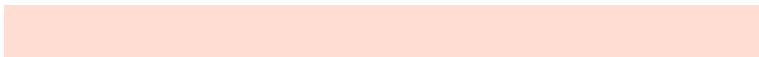
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



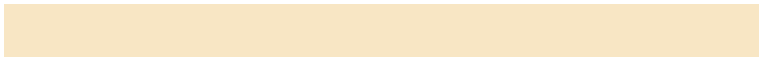
69.1925, 80.3167, 104.7844



75.9544, 80.3167, 116.9259



83.9606, 80.3167, 72.1434



76.7242, 80.3167, 63.3995

Sweetspot

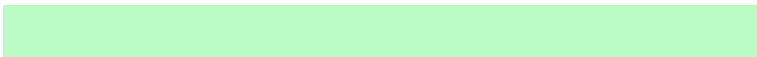
The Sweet Spot groups the original color and five complimentary colors.



69.1949, 80.3199, 104.7862



86.8015, 94.0592, 108.1881



65.1363, 84.5672, 65.3155



18.2662, 19.9040, 23.1291



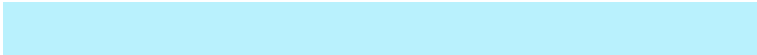
0.0000, 0.0000, 0.0000



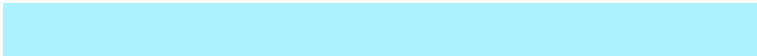
20.3446, 21.4041, 23.3091

Same Dimension

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



69.1949, 80.3199, 104.7862



66.7101, 78.8258, 106.3066



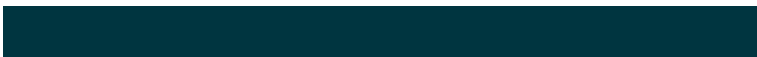
60.2136, 62.3573, 101.7925



18.2662, 19.9040, 23.1291



21.5745, 28.0586, 53.7133



2.1689, 2.8684, 5.2526

Inverse Universe

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



73.7361, 61.9334, 91.2907



72.0783, 57.6280, 90.2330



77.6562, 81.1664, 57.4745



18.6470, 18.2421, 22.0243



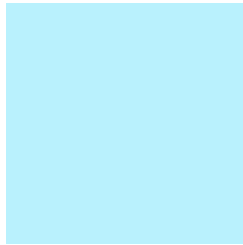
27.6780, 13.5605, 33.2845



2.7293, 1.3341, 3.4221

Previews

White Background



This preview shows how the XYZ color 69.1925, 80.3167, 104.7844 looks on a white background.

Color Contrast Check

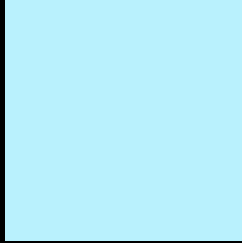
Large Text (above 18pt) WCAG AA × Fail

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 69.1925, 80.3167, 104.7844 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 69.1925, 80.3167, 104.7844

Background



This preview shows how black text looks on a background with the XYZ color 69.1925, 80.3167, 104.7844.

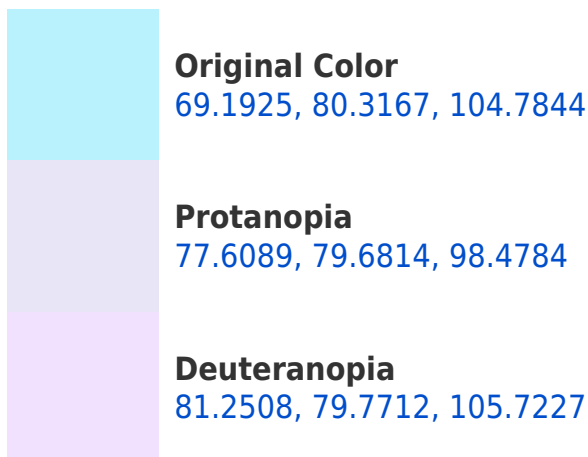


This preview shows how white text looks on a background with the XYZ color 69.1925, 80.3167,

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





Tritanopia

71.1646, 80.4223, 106.3800

Trichromacy



Original Color

69.1925, 80.3167, 104.7844

Protanomaly

73.9694, 79.4135, 101.0523

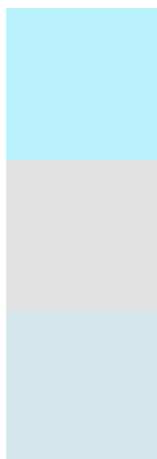
Deuteranomaly

76.2841, 79.6797, 105.1251

Tritanomaly

70.5353, 80.5523, 105.5965

Monochromacy



Original Color

69.1925, 80.3167, 104.7844

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.5802, 77.0568, 90.5104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1925, 80.3167, 104.7844 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(185, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(185, 241, 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(185, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 241, 253) }
```

Border

The CSS property to change the border of an element to XYZ 69.1925, 80.3167, 104.7844 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(185, 241, 253) }
```


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

```
.border{ border-color:rgb(185, 241, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 241, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(185, 241,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1925, 80.3167, 104.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 241, 253) }
```

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

```
.background{ background-color: rgb(185,  
241, 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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