

Converting Colors

XYZ(69.1774, 69.5487,
109.6654)

Have a look what the booklet for
XYZ(69.1774, 69.5487, 109.6654)
contains.

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Color

**XYZ(68.0826, 69.0863,
104.3544)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD7FF
RGB	207, 215, 255
RGB Percent	81%, 84%, 100%
CMY	0.1882, 0.1568, 0.0000
CMYK	0.19, 0.16, 0.00, 0.00
HSL	230°, 100%, 91%
HSV	230°, 19%, 100%
XYZ	68.0826, 69.0863, 104.3544
YIQ	217.1680, -17.6080, 10.7440

Conversions

Conversions Part 2

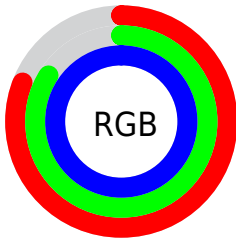
Format	Color
R _Y B	207, 214, 255
Decimal	13621247
CIE Lab	86.55, 5.36, -20.38
CIE LCh	87, 21.076, 284.735
Yxy	69.0863, 0.2819, 0.2860
Android (android.graphics.Color)	4291811327 (0xFFCFD7FF)
YUV	217.1680, 18.6512, -8.9173
Hunter-Lab	83.1182, 0.7536, -16.2555

Details

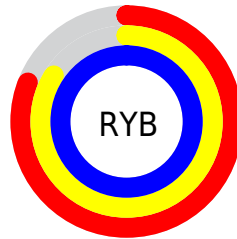
The XYZ color **68.0826, 69.0863, 104.3544** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7630, 92.2855, 72.3259**, and the grayscale version is **65.9550, 69.3898, 75.5654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7127, 35.8942, 58.4721** is the 20% darker color. If you saturate the color by 10%, you get **56.4617, 55.5796, 102.3598**, and if you desaturate by 10%, it is **81.5606, 84.5970, 106.6379**.

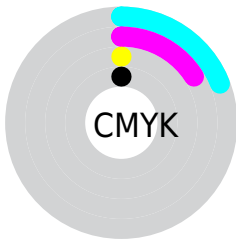
Distribution



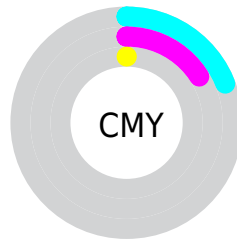
- Red (81%)
- Green (84%)
- Blue (100%)



- Red (81%)
- Yellow (84%)
- Blue (100%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0826, 69.0863, 104.3544 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 68.0826, 69.0863, 104.3544 by changing the saturation by 10% instead.

■ 68.0826, 69.0863,
104.3544

■ 68.0826, 69.0863,
104.3544

443.1608,
457.3353, 595.4304

■ 50.2389, 50.7820,
79.3050

115.5116,
117.9048, 169.2322

■ 35.8218, 36.0351,
58.6238

145.8275,
149.1878, 209.8977

■ 24.4661, 24.4613,
41.8923

181.0315,
185.5659, 256.6056

■ 15.8063, 15.6762,
28.6920

221.4890,
227.4233, 309.7745

■ 9.4772, 9.2953,
18.6044

267.5653,
275.1446, 369.8228

■ 5.1133, 4.9343,
11.2109

319.6258,

■ 2.3493, 2.2088,

329.1141, 437.1693

6.0929

378.0359,
389.7162, 512.2323

■ 0.8197, 0.7248,
2.8320

■ 0.0000, 0.0000,
1.0095

■ 68.0826, 69.0863,
104.3544

■ 68.0826, 69.0863,
104.3544

■ 56.4617, 55.5796,
102.3598

■ 81.5606, 84.5970,
106.6379

■ 46.6101, 43.9867,
100.6414

95.0500, 100.0000,
108.9000

■ 38.4415, 34.2222,
99.1872

■ 31.8599, 26.1913,
97.9840

■ 26.7596, 19.7902,
97.0173

■ 23.0213, 14.9040,
96.2711

■ 20.5064, 11.4013,
95.7276

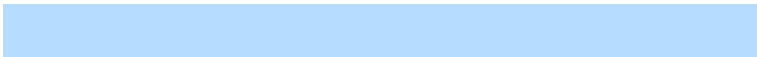
■ 19.0265, 9.1173,
95.3647

■ 18.8963, 8.9125,
95.3321

Harmonies

Analogous

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



63.2222, 69.0863, 104.2742



68.0826, 69.0863, 104.3544



72.4999, 69.0863, 95.9971

Triad

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



68.0826, 69.0863, 104.3544



72.5657, 69.0863, 57.8337



57.0132, 69.0863, 68.3603

Complementary

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



68.0826, 69.0863, 104.3544



85.7630, 92.2855, 72.3259

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.



59.2727, 69.0863, 57.6858



68.0826, 69.0863, 104.3544



68.1688, 69.0863, 52.1413

Square

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



68.0826, 69.0863, 104.3544



75.1740, 69.0863, 68.5865



63.3043, 69.0863, 52.0908



56.9927, 69.0863, 82.2748

Rectangle

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



68.0826, 69.0863, 104.3544



74.5306, 69.0863, 87.2991



63.3043, 69.0863, 52.0908



57.5309, 69.0863, 64.3157

Sweetspot

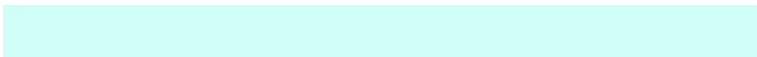
The Sweet Spot groups the original color and five complimentary colors.



68.0845, 69.0890, 104.3548



85.7102, 89.3464, 107.3359



78.1583, 91.4519, 100.8828



18.1370, 18.8854, 22.9393



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.



68.0845, 69.0890, 104.3548



63.0082, 63.2070, 103.4870



70.5496, 67.4085, 103.9005



17.2476, 17.8669, 22.7896



9.9449, 4.7994, 49.8368



1.0338, 0.5982, 4.8743

Inverse Universe

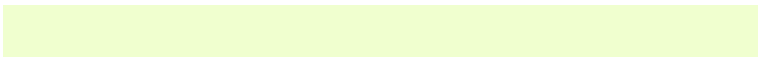
The Inverse Universe completely reimagines the original color for something new.



75.8198, 70.7935, 73.9615



72.2151, 65.3604, 67.2837



82.8904, 94.5156, 72.9078



18.1329, 18.0365, 19.3170



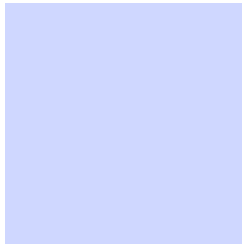
21.8079, 11.2125, 2.3731



2.1564, 1.1049, 0.4051

Previews

White Background



This preview shows how the XYZ color 68.0826, 69.0863, 104.3544 looks on a white background.

Color Contrast Check

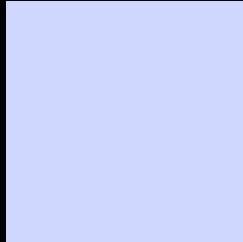
Large Text (above 18pt) WCAG AA × Fail

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 68.0826, 69.0863, 104.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

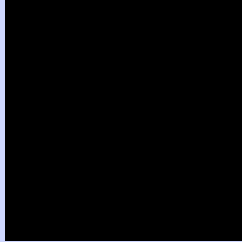
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0826, 69.0863, 104.3544

Background



This preview shows how black text looks on a background with the XYZ color 68.0826, 69.0863, 104.3544.

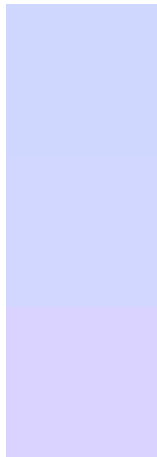


This preview shows how white text looks on a background with the XYZ color 68.0826, 69.0863,

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

68.0826, 69.0863, 104.3544

Protanopia

68.6449, 69.3762, 104.3807

Deuteranopia

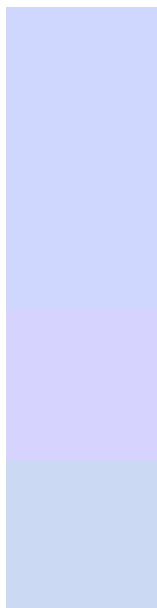
70.2577, 68.7140, 104.1679



Tritanopia

64.8403, 68.8954, 89.2376

Trichromacy



Original Color

68.0826, 69.0863, 104.3544

Protanomaly

68.3629, 69.2308, 104.3675

Deuteranomaly

69.3250, 68.6031, 104.1956

Tritanomaly

65.8924, 68.9341, 94.6267

Monochromacy



Original Color

68.0826, 69.0863, 104.3544

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4202, 69.0274, 85.4242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0826, 69.0863, 104.3544 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(207, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 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(207, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.0826, 69.0863, 104.3544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

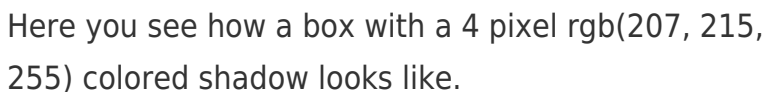
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 215, 255) }
```


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

```
.border{ border-color:rgb(207, 215, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0826, 69.0863, 104.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 255) }
```

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

```
.background{ background-color: rgb(207,  
215, 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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