

Converting Colors

XYZ(68.5836, 68.9392,
104.2996)

Have a look what the booklet for
XYZ(68.5836, 68.9392, 104.2996)
contains.

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Color

**XYZ(68.6749, 69.0148,
104.3094)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D6FF
RGB	210, 214, 255
RGB Percent	82%, 84%, 100%
CMY	0.1765, 0.1608, 0.0000
CMYK	0.18, 0.16, 0.00, 0.00
HSL	235°, 100%, 91%
HSV	235°, 18%, 100%
XYZ	68.6749, 69.0148, 104.3094
YIQ	217.4780, -15.5450, 11.9030

Conversions

Conversions Part 2

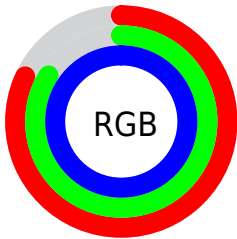
Format	Color
R _{YB}	210, 214, 255
Decimal	13817599
CIE Lab	86.51, 6.81, -20.42
CIE LCh	87, 21.521, 288.439
Yxy	69.0148, 0.2838, 0.2852
Android (android.graphics.Color)	4292007679 (0xFFD2D6FF)
YUV	217.4780, 18.4983, -6.5582
Hunter-Lab	83.0751, 2.1773, -16.2921

Details

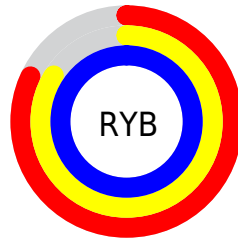
The XYZ color **68.6749, 69.0148, 104.3094** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.3696, 94.9062, 74.6882**, and the grayscale version is **66.1675, 69.6134, 75.8090**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1087, 35.8421, 58.4412** is the 20% darker color. If you saturate the color by 10%, you get **56.5191, 54.6351, 102.1745**, and if you desaturate by 10%, it is **82.8298, 85.6733, 106.7787**.

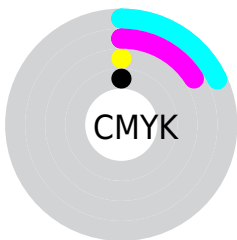
Distribution



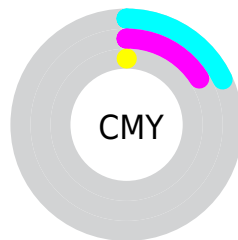
- Red (82%)
- Green (84%)
- Blue (100%)



- Red (82%)
- Yellow (84%)
- Blue (100%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6749, 69.0148, 104.3094 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 68.6749, 69.0148, 104.3094 by changing the saturation by 10% instead.

■ 68.6749, 69.0148,
104.3094

■ 68.6749, 69.0148,
104.3094

445.2229,
457.0832, 595.2867

■ 50.7227, 50.7238,
79.2675

116.3537,
117.8027, 169.1701

■ 36.2081, 35.9888,
58.5931

146.8110,
149.0684, 209.8260

■ 24.7658, 24.4256,
41.8678

182.1674,
185.4277, 256.5236

■ 16.0305, 15.6496,
28.6730

222.7882,
227.2651, 309.6815

■ 9.6367, 9.2765,
18.5902

269.0388,
274.9650, 369.7182

■ 5.2192, 4.9220,
11.2007

321.2846,

■ 2.4125, 2.2016,

328.9117, 437.0523

6.0861

379.8908,
389.4896, 512.1023

■ 0.8513, 0.7208,
2.8279

■ 0.0000, 0.0000,
1.0074

■ 68.6749, 69.0148,
104.3094

■ 68.6749, 69.0148,
104.3094

■ 56.5191, 54.6351,
102.1745

■ 82.8298, 85.6733,
106.7787

■ 46.2666, 42.4272,
100.3585

95.0500, 100.0000,
108.9000

■ 37.8225, 32.2878,
98.8465

■ 31.0814, 24.1018,
97.6217

■ 25.9268, 17.7429,
96.6660

■ 22.2274, 13.0698,
95.9590

■ 19.8309, 9.9203,
95.4773

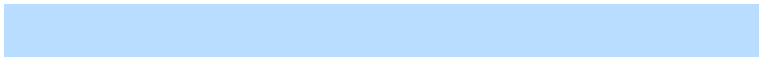
■ 18.5439, 8.0964,
95.1931

■ 18.3501, 7.8202,
95.1500

Harmonies

Analogous

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



63.6943, 69.0148, 105.3735



68.6749, 69.0148, 104.3094



73.0326, 69.0148, 94.8666

Triad

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



68.6749, 69.0148, 104.3094



72.1628, 69.0148, 56.4209



56.6474, 69.0148, 69.7771

Complementary

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



68.6749, 69.0148, 104.3094



87.3696, 94.9062, 74.6882

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.



58.6831, 69.0148, 58.3662



68.6749, 69.0148, 104.3094



67.5362, 69.0148, 51.3334

Square

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



68.6749, 69.0148, 104.3094



75.1156, 69.0148, 66.7936



62.6115, 69.0148, 51.9972



56.9176, 69.0148, 84.1659

Rectangle

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



68.6749, 69.0148, 104.3094



74.9202, 69.0148, 85.6912



62.6115, 69.0148, 51.9972



57.0803, 69.0148, 65.5024

Sweetspot

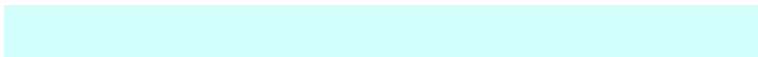
The Sweet Spot groups the original color and five complimentary colors.



68.6768, 69.0175, 104.3098



86.9195, 90.4728, 107.4896



79.6729, 92.1556, 104.4429



18.3688, 19.0886, 22.9663



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.



68.6768, 69.0175, 104.3098



64.3812, 63.9452, 103.5571



73.0926, 69.8086, 104.2298



17.1329, 17.6374, 22.7513



9.6321, 4.1738, 49.7325



0.9799, 0.4904, 4.8563

Inverse Universe

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



76.4254, 72.2097, 73.5313



73.3982, 67.7100, 67.7291



82.3185, 94.1780, 74.8139



18.0750, 18.0133, 19.0119



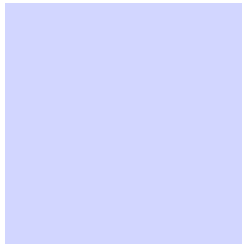
21.6501, 11.1493, 1.5417



2.1292, 1.0941, 0.2618

Previews

White Background



This preview shows how the XYZ color 68.6749, 69.0148, 104.3094 looks on a white background.

Color Contrast Check

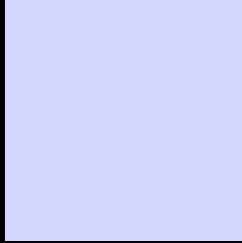
Large Text (above 18pt) WCAG AA × Fail

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 68.6749, 69.0148, 104.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

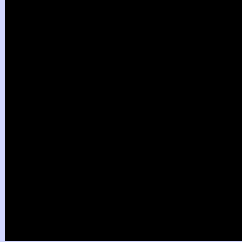
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6749, 69.0148, 104.3094

Background



This preview shows how black text looks on a background with the XYZ color 68.6749, 69.0148, 104.3094.

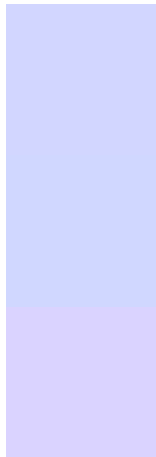


This preview shows how white text looks on a background with the XYZ color 68.6749, 69.0148,

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

68.6749, 69.0148, 104.3094

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

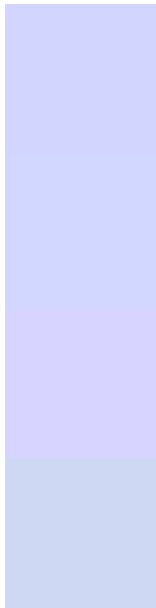
70.2577, 68.7140, 104.1679



Tritanopia

65.2618, 68.7457, 88.4268

Trichromacy



Original Color

68.6749, 69.0148, 104.3094

Protanomaly

68.6449, 69.3762, 104.3807

Deuteranomaly

69.6178, 68.7540, 104.2093

Tritanomaly

66.3150, 68.7879, 93.7866

Monochromacy



Original Color

68.6749, 69.0148, 104.3094

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.7112, 69.1774, 85.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6749, 69.0148, 104.3094 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(210, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 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(210, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.6749, 69.0148, 104.3094 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(210, 214, 255) }
```


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

```
.border{ border-color:rgb(210, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6749, 69.0148, 104.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 255) }
```

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

```
.background{ background-color: rgb(210,  
214, 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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