

Converting Colors

XYZ(69.6032, 68.1711,
103.7260)

Have a look what the booklet for
XYZ(69.6032, 68.1711, 103.7260)
contains.

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Color

**XYZ(69.7119, 68.0649,
104.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D2FF
RGB	217, 210, 255
RGB Percent	85%, 82%, 100%
CMY	0.1490, 0.1765, 0.0000
CMYK	0.15, 0.18, 0.00, 0.00
HSL	249°, 100%, 91%
HSV	249°, 18%, 100%
XYZ	69.7119, 68.0649, 104.0714
YIQ	217.2230, -10.2730, 15.4790

Conversions

Conversions Part 2

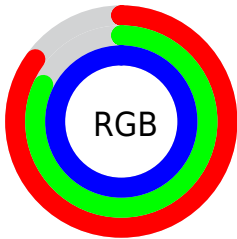
Format	Color
R _Y B	217, 210, 255
Decimal	14275327
CIE Lab	86.04, 11.09, -21.08
CIE LCh	86, 23.820, 297.749
Yxy	68.0649, 0.2882, 0.2814
Android (android.graphics.Color)	4292465407 (0xFFD9D2FF)
YUV	217.2230, 18.6241, -0.1956
Hunter-Lab	82.5015, 6.4510, -17.0403

Details

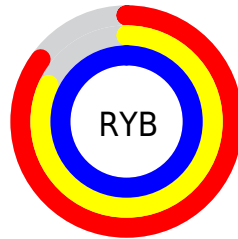
The XYZ color **69.7119, 68.0649, 104.0714** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.1056, 96.1302, 74.9926**, and the grayscale version is **65.9892, 69.4258, 75.6047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9818, 35.5355, 58.3360** is the 20% darker color. If you saturate the color by 10%, you get **57.9224, 53.3757, 101.8574**, and if you desaturate by 10%, it is **83.3434, 85.1963, 106.6596**.

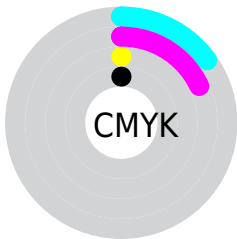
Distribution



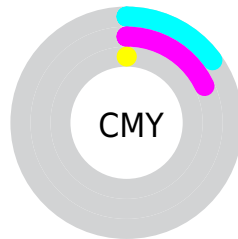
- Red (85%)
- Green (82%)
- Blue (100%)



- Red (85%)
- Yellow (82%)
- Blue (100%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7119, 68.0649, 104.0714 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 69.7119, 68.0649, 104.0714 by changing the saturation by 10% instead.

■ 69.7119, 68.0649,
104.0714

■ 69.7119, 68.0649,
104.0714

448.8200,
453.7259, 594.5264

■ 51.5704, 49.9505,
79.0693

117.8263,
116.4450, 168.8416

■ 36.8857, 35.3741,
58.4311

148.5300,
147.4795, 209.4467

■ 25.2923, 23.9512,
41.7384

184.1518,
183.5895, 256.0899

■ 16.4248, 15.2974,
28.5724

225.0571,
225.1594, 309.1898

■ 9.9180, 9.0284,
18.5148

271.6112,
272.5736, 369.1648

■ 5.4065, 4.7597,
11.1470

324.1795,

■ 2.5249, 2.1070,

326.2165, 436.4336

6.0504

383.1273,
386.4725, 511.4146

■ 0.9078, 0.6685,
2.8064

■ 0.0000, 0.0000,
0.9967

■ 69.7119, 68.0649,
104.0714

■ 69.7119, 68.0649,
104.0714

■ 57.9224, 53.3757,
101.8574

■ 83.3434, 85.1963,
106.6596

■ 47.8899, 41.0090,
99.9992

95.0500, 100.0000,
108.9000

■ 39.5307, 30.8477,
98.4784

■ 32.7524, 22.7607,
97.2748

■ 27.4531, 16.6033,
96.3656

■ 23.5187, 12.2116,
95.7252

■ 20.8178, 9.3940,
95.3237

■ 19.1855, 7.9021,
95.1218

■ 18.9119, 7.6643,
95.0903

Harmonies

Analogous

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



64.2816, 68.0649, 108.4432



69.7119, 68.0649, 104.0714



73.9962, 68.0649, 91.3634

Triad

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



69.7119, 68.0649, 104.0714



70.4663, 68.0649, 51.4568



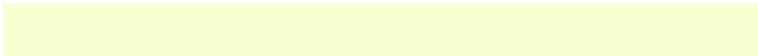
54.7490, 68.0649, 72.9349

Complementary

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



69.7119, 68.0649, 104.0714



86.1056, 96.1302, 74.9926

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.



56.2053, 68.0649, 59.1801



69.7119, 68.0649, 104.0714



65.1074, 68.0649, 47.9177

Square

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



69.7119, 68.0649, 104.0714



74.4488, 68.0649, 60.9605



59.9222, 68.0649, 50.5351



55.8302, 68.0649, 89.0287

Rectangle

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



69.7119, 68.0649, 104.0714



75.5184, 68.0649, 80.6841



59.9222, 68.0649, 50.5351



54.9561, 68.0649, 67.9051

Sweetspot

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



69.7138, 68.0676, 104.0718



87.2657, 90.1480, 107.4086



78.2742, 88.2114, 107.5088



18.4526, 19.0101, 22.9467



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.



69.7138, 68.0676, 104.0718



65.5570, 62.8725, 103.2881



76.7794, 71.7101, 104.4025



17.2660, 17.5133, 22.7203



9.9595, 4.0448, 49.6904



1.0424, 0.4313, 4.8416

Inverse Universe

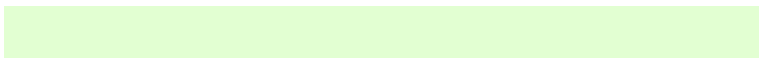
The Inverse Universe completely reimagines the original color for something new.



81.2314, 74.1330, 98.8365



78.9696, 69.9386, 97.0677



78.6801, 92.3022, 74.6451



18.6641, 18.2490, 22.1144



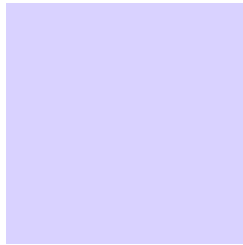
28.0266, 13.6999, 35.1199



2.7601, 1.3464, 3.5842

Previews

White Background



This preview shows how the XYZ color 69.7119, 68.0649, 104.0714 looks on a white background.

Color Contrast Check

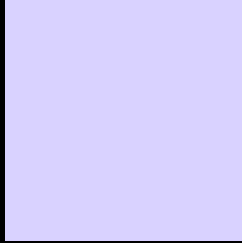
Large Text (above 18pt) WCAG AA × Fail

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 69.7119, 68.0649, 104.0714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

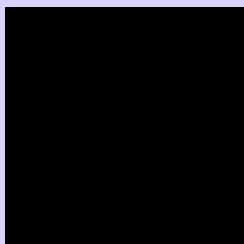
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7119, 68.0649, 104.0714

Background



This preview shows how black text looks on a background with the XYZ color 69.7119, 68.0649, 104.0714.

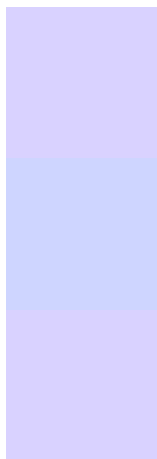


This preview shows how white text looks on a background with the XYZ color 69.7119, 68.0649,

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

69.7119, 68.0649, 104.0714

Protanopia

67.2978, 67.9303, 104.1726

Deuteranopia

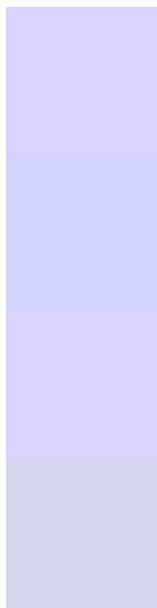
69.7119, 68.0649, 104.0714



Tritanopia

65.9109, 68.0088, 85.2544

Trichromacy



Original Color

69.7119, 68.0649, 104.0714

Protanomaly

68.1718, 68.0086, 104.1417

Deuteranomaly

69.7119, 68.0649, 104.0714

Tritanomaly

67.2540, 68.1759, 92.0527

Monochromacy



Original Color

69.7119, 68.0649, 104.0714

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.0856, 68.6144, 85.3094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7119, 68.0649, 104.0714 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(217, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 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(217, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.7119, 68.0649, 104.0714 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(217, 210, 255) }
```


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

```
.border{ border-color:rgb(217, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 210, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 210, 255); box-shadow:4px 4px 4px 4px rgb(217, 210, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7119, 68.0649, 104.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 255) }
```

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

```
.background{ background-color: rgb(217,  
210, 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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