

Converting Colors

XYZ(77.9784, 72.8015,
150.9746)

Have a look what the booklet for
XYZ(77.9784, 72.8015, 150.9746)
contains.

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Color

**XYZ(69.2479, 69.3102,
104.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D6FF
RGB	212, 214, 255
RGB Percent	83%, 84%, 100%
CMY	0.1686, 0.1608, 0.0000
CMYK	0.17, 0.16, 0.00, 0.00
HSL	237°, 100%, 92%
HSV	237°, 17%, 100%
XYZ	69.2479, 69.3102, 104.3362
YIQ	218.0760, -14.3530, 12.3270

Conversions

Conversions Part 2

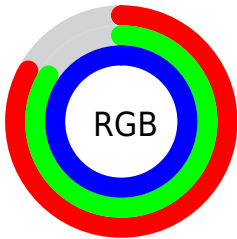
Format	Color
R _Y B	212, 214, 255
Decimal	13948671
CIE Lab	86.66, 7.42, -20.18
CIE LCh	87, 21.502, 290.191
Yxy	69.3102, 0.2851, 0.2854
Android (android.graphics.Color)	4292138751 (0xFFD4D6FF)
YUV	218.0760, 18.2035, -5.3287
Hunter-Lab	83.2527, 2.7803, -16.0281

Details

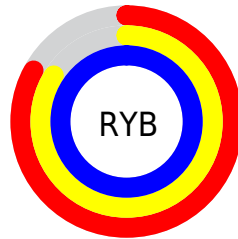
The XYZ color **69.2479, 69.3102, 104.3362** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.2484, 96.2625, 76.2182**, and the grayscale version is **66.5801, 70.0475, 76.2817**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4958, 36.0416, 58.4593** is the 20% darker color. If you saturate the color by 10%, you get **56.7689, 54.4159, 102.1190**, and if you desaturate by 10%, it is **83.8100, 86.6451, 106.9147**.

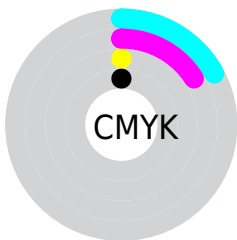
Distribution



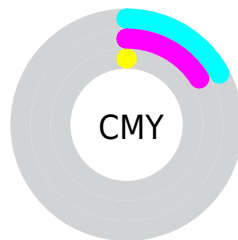
- Red (83%)
- Green (84%)
- Blue (100%)



- Red (83%)
- Yellow (84%)
- Blue (100%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2479, 69.3102, 104.3362 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 69.2479, 69.3102, 104.3362 by changing the saturation by 10% instead.

■ 69.2479, 69.3102,
104.3362

■ 69.2479, 69.3102,
104.3362

447.2125,
458.1243, 595.3723

■ 51.1910, 50.9644,
79.2898

117.1677,
118.2245, 169.2071

■ 36.5823, 36.1803,
58.6114

147.7613,
149.5618, 209.8687

■ 25.0564, 24.5734,
41.8824

183.2646,
185.9984, 256.5725

■ 16.2481, 15.7595,
28.6843

224.0428,
227.9186, 309.7369

■ 9.7918, 9.3542,
18.5986

270.4613,
275.7070, 369.7805

■ 5.3224, 4.9729,
11.2068

322.8856,

■ 2.4743, 2.2314,

329.7477, 437.1220

6.0902

381.6809,
390.4254, 512.1797

■ 0.8823, 0.7370,
2.8303

■ 0.0000, 0.0000,
1.0087

■ 69.2479, 69.3102,
104.3362

■ 69.2479, 69.3102,
104.3362

■ 56.7689, 54.4159,
102.1190

■ 83.8100, 86.6451,
106.9147

■ 46.2722, 41.8449,
100.2458

95.0500, 100.0000,
108.9000

■ 37.6575, 31.4824,
98.6997

■ 30.8135, 23.2008,
97.4619

■ 25.6169, 16.8593,
96.5118

■ 21.9288, 12.2999,
95.8261

■ 19.5873, 9.3395,
95.3781

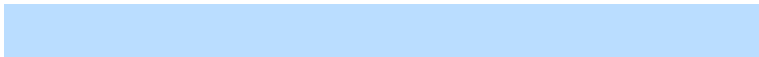
■ 18.3917, 7.7547,
95.1352

■ 18.1800, 7.4800,
95.0933

Harmonies

Analogous

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



64.2547, 69.3102, 105.9430



69.2479, 69.3102, 104.3362



73.5335, 69.3102, 94.4812

Triad

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



69.2479, 69.3102, 104.3362



72.2191, 69.3102, 56.2491



56.8599, 69.3102, 70.8776

Complementary

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



69.2479, 69.3102, 104.3362



88.2484, 96.2625, 76.2182

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.



58.7718, 69.3102, 59.1921



69.2479, 69.3102, 104.3362



67.5270, 69.3102, 51.4798

Square

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



69.2479, 69.3102, 104.3362



75.3081, 69.3102, 66.3664



62.6178, 69.3102, 52.4844



57.2686, 69.3102, 85.3638

Rectangle

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



69.2479, 69.3102, 104.3362



75.3321, 69.3102, 85.1768



62.6178, 69.3102, 52.4844



57.2486, 69.3102, 66.5247

Sweetspot

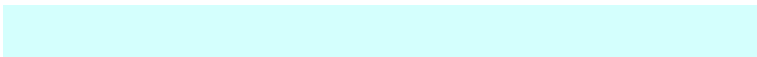
The Sweet Spot groups the original color and five complimentary colors.



69.2498, 69.3130, 104.3366



86.7577, 90.1493, 107.4357



80.6178, 92.5997, 106.4279



18.3297, 19.0103, 22.9532



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.



69.2498, 69.3130, 104.3366



65.1136, 64.3809, 103.6026



74.6625, 71.3555, 104.4456



17.0709, 17.5133, 22.7306



9.5282, 3.9660, 49.6979



0.9505, 0.4318, 4.8465

Inverse Universe

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



76.9223, 73.2034, 73.6970



74.0191, 68.9202, 68.0335



82.1203, 94.0468, 76.1135



18.0437, 18.0008, 18.8471



21.5976, 11.1283, 1.2654



2.1144, 1.0881, 0.1838

Previews

White Background



This preview shows how the XYZ color 69.2479, 69.3102, 104.3362 looks on a white background.

Color Contrast Check

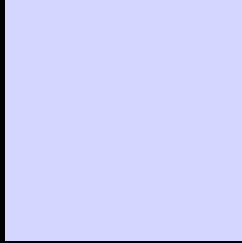
Large Text (above 18pt) WCAG AA × Fail

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 69.2479, 69.3102, 104.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

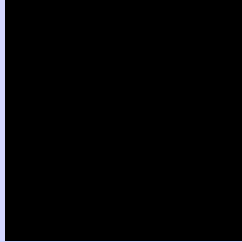
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2479, 69.3102, 104.3362

Background



This preview shows how black text looks on a background with the XYZ color 69.2479, 69.3102, 104.3362.



This preview shows how white text looks on a background with the XYZ color 69.2479, 69.3102,

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

69.2479, 69.3102, 104.3362

Protanopia

68.6449, 69.3762, 104.3807

Deuteranopia

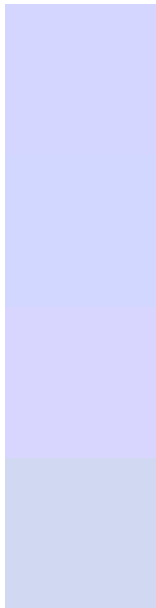
70.8069, 69.3670, 104.2650



Tritanopia

65.8207, 69.0338, 88.4530

Trichromacy



Original Color

69.2479, 69.3102, 104.3362

Protanomaly

68.9288, 69.5225, 104.3940

Deuteranomaly

70.1632, 69.4074, 104.3067

Tritanomaly

66.8774, 69.0778, 93.8129

Monochromacy



Original Color

69.2479, 69.3102, 104.3362

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.5556, 69.9942, 85.5510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2479, 69.3102, 104.3362 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(212, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.2479, 69.3102, 104.3362 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(212, 214, 255) }
```


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

```
.border{ border-color:rgb(212, 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(212, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2479, 69.3102, 104.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 214, 255) }
```

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

```
.background{ background-color: rgb(212,  
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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