

Converting Colors

XYZ(66.4073, 49.0592,
100.5771)

Have a look what the booklet for
XYZ(66.4073, 49.0592, 100.5771)
contains.

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Color

**XYZ(66.4034, 49.0572,
100.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	F399FF
RGB	243, 153, 255
RGB Percent	95%, 60%, 100%
CMY	0.0471, 0.4000, 0.0000
CMYK	0.05, 0.40, 0.00, 0.00
HSL	293°, 100%, 80%
HSV	293°, 40%, 100%
XYZ	66.4034, 49.0572, 100.5769
YIQ	191.5380, 20.8980, 50.8020

Conversions

Conversions Part 2

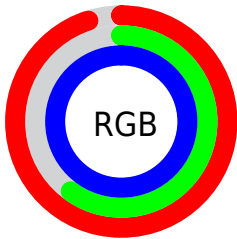
Format	Color
R _Y B	243, 153, 255
Decimal	15964671
CIE Lab	75.49, 49.32, -37.04
CIE LCh	75, 61.685, 323.093
Yxy	49.0572, 0.3074, 0.2271
Android (android.graphics.Color)	4294154751 (0xFFFF399FF)
YUV	191.5380, 31.2868, 45.1322
Hunter-Lab	70.0408, 46.6584, -36.1104

Details

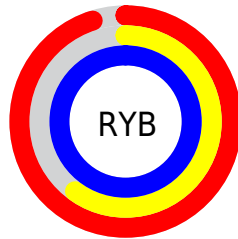
The XYZ color **66.4034, 49.0572, 100.5769** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.0280, 81.8198, 42.9265**, and the grayscale version is **49.6505, 52.2361, 56.8852**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **34.6625, 23.3152, 56.0994** is the 20% darker color. If you saturate the color by 10%, you get **61.6407, 41.0553, 99.2834**, and if you desaturate by 10%, it is **72.0777, 58.8554, 102.1691**.

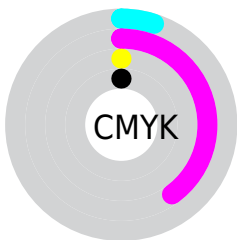
Distribution



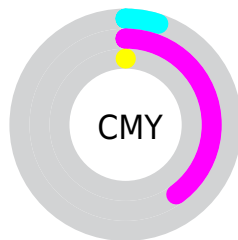
- Red (95%)
- Green (60%)
- Blue (100%)



- Red (95%)
- Yellow (60%)
- Blue (100%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4034, 49.0572, 100.5769 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 66.4034, 49.0572, 100.5769 by changing the saturation by 10% instead.


 66.4034, 49.0572,
100.5769


 66.4034, 49.0572,
100.5769


437.2841,
382.9675, 583.3032

 48.8689, 34.6649,
76.1629


 113.1196, 88.7764,
164.0085

 34.7296, 23.4048,
56.0586


 143.0321,
114.8721, 203.8632

 23.6202, 14.8927,
39.8456


177.8012,
145.6376, 249.7018

 15.1753, 8.7441,
27.1053

217.7923,
181.4574, 301.9429

 9.0296, 4.5747,
17.4192

263.3708,
222.7159, 361.0051

 4.8178, 1.9999,
10.3687

314.9020,

 2.1744, 0.6074,

269.7975, 427.3068

5.5353

372.7513,
323.0865, 501.2667

■ 0.7292, 0.0000,
2.5005

■ 0.0000, 0.0000,
0.8404

■ 66.4034, 49.0572,
100.5769

■ 66.4034, 49.0572,
100.5769

■ 61.6407, 41.0553,
99.2834

■ 72.0777, 58.8554,
102.1691

■ 57.7278, 34.7288,
98.2685

■ 78.7115, 70.5483,
104.0764

■ 54.6020, 29.9517,
97.5112

■ 86.3546, 84.2344,
106.3152

■ 52.1901, 26.5776,
96.9870

95.0500, 100.0000,
108.9000

■ 50.4045, 24.4316,
96.6669

■ 49.1025, 23.2283,
96.5033

■ 49.1023, 23.2280,
96.5032

Harmonies

Analogous

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



55.7469, 49.0572, 134.2827



66.4034, 49.0572, 100.5769



71.8976, 49.0572, 61.3115

Triad

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



66.4034, 49.0572, 100.5769



49.3087, 49.0572, 12.2303



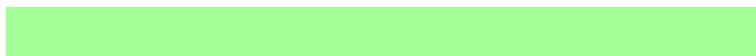
29.2568, 49.0572, 81.9564

Complementary

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



66.4034, 49.0572, 100.5769



57.0280, 81.8198, 42.9265

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.



28.1037, 49.0572, 46.2273



66.4034, 49.0572, 100.5769



38.5610, 49.0572, 14.0202

Square

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



66.4034, 49.0572, 100.5769



61.0405, 49.0572, 17.3423



31.2282, 49.0572, 23.9284



34.6829, 49.0572, 120.8251

Rectangle

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



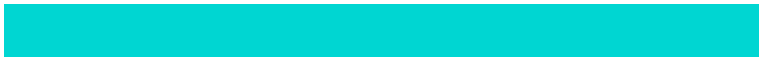
66.4034, 49.0572, 100.5769



71.3518, 49.0572, 40.4399



31.2282, 49.0572, 23.9284



28.3973, 49.0572, 68.9051

Sweetspot

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



66.4049, 49.0593, 100.5772



84.7413, 81.3302, 105.8397



44.9343, 41.4857, 100.2470



17.9177, 17.0120, 22.5892



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.



66.4049, 49.0593, 100.5772



62.5226, 42.5164, 99.5189



65.2350, 49.0854, 72.0931



18.5699, 18.1855, 22.7814



25.7406, 12.1802, 50.4289



2.5633, 1.2153, 4.9128

Inverse Universe

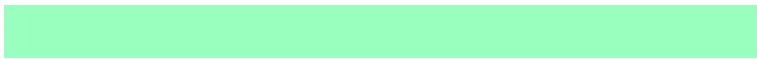
The Inverse Universe completely reimagines the original color for something new.



59.4240, 46.7610, 41.4928



54.8392, 40.0323, 32.4398



58.2363, 82.0282, 61.7104



18.0963, 18.0218, 19.1241



21.6985, 11.1687, 1.7966



2.1392, 1.0981, 0.3145

Previews

White Background



This preview shows how the XYZ color 66.4034, 49.0572, 100.5769 looks on a white background.

Color Contrast Check

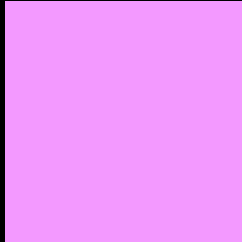
Large Text (above 18pt) WCAG AA × Fail

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 66.4034, 49.0572, 100.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

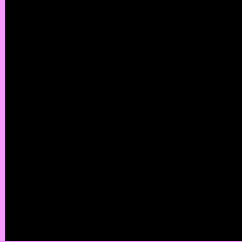
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4034, 49.0572, 100.5769

Background



This preview shows how black text looks on a background with the XYZ color 66.4034, 49.0572, 100.5769.



This preview shows how white text looks on a background with the XYZ color 66.4034, 49.0572,

100.5769.

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

66.4034, 49.0572, 100.5769

Protanopia

50.5003, 49.3935, 101.4800

Deuteranopia

50.6016, 49.5555, 96.5207



Tritanopia

56.2357, 49.0770, 50.7648

Trichromacy



Original Color

66.4034, 49.0572, 100.5769



Protanomaly

54.9859, 48.4446, 101.0604



Deuteranomaly

55.1211, 48.5879, 97.7400

Tritanomaly

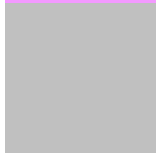
59.5309, 48.8024, 66.6038

Monochromacy



Original Color

66.4034, 49.0572, 100.5769



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

55.0501, 50.5960, 71.1545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4034, 49.0572, 100.5769 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(243, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 153, 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(243, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.4034, 49.0572, 100.5769 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(243, 153, 255) }
```


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

```
.border{ border-color:rgb(243, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4034, 49.0572, 100.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 153, 255) }
```

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

```
.background{ background-color: rgb(243,  
153, 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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