

Converting Colors

XYZ(66.6301, 51.9340, 90.6818)

Have a look what the booklet for XYZ(66.6301, 51.9340, 90.6818) contains.

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Color

**XYZ(66.4324, 51.8383,
90.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A3F2
RGB	244, 163, 242
RGB Percent	96%, 64%, 95%
CMY	0.0431, 0.3608, 0.0510
CMYK	0.00, 0.33, 0.01, 0.04
HSL	301°, 79%, 80%
HSV	301°, 33%, 96%
XYZ	66.4324, 51.8383, 90.5088
YIQ	196.2250, 22.9170, 41.7410

Conversions

Conversions Part 2

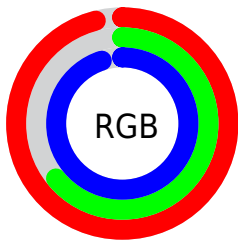
Format	Color
RYB	244, 163, 242
Decimal	16032754
CIELab	77.18, 42.07, -27.39
CIElCh	77, 50.202, 326.937
Yxy	51.8383, 0.3182, 0.2483
Android (android.graphics.Color)	4294222834 (0xFFFF4A3F2)
YUV	196.2250, 22.5671, 41.8987
Hunter-Lab	71.9988, 38.7018, -24.1335

Details

The XYZ color **66.4324, 51.8383, 90.5088** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.2486, 75.2062, 47.2573**, and the grayscale version is **52.4650, 55.1973, 60.1098**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **34.9324, 25.2618, 49.4893** is the 20% darker color. If you saturate the color by 10%, you get **62.4211, 43.9592, 88.7264**, and if you desaturate by 10%, it is **71.2831, 61.3935, 92.5736**.

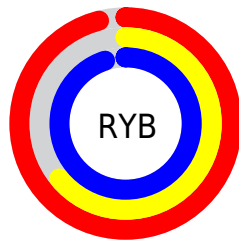
Distribution



Red (96%)

Green (64%)

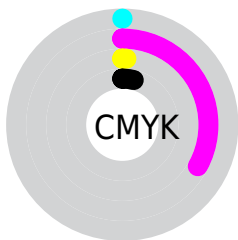
Blue (95%)



Red (96%)

Yellow (64%)

Blue (95%)

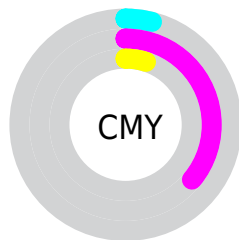


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4324, 51.8383, 90.5088 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 66.4324, 51.8383, 90.5088 by changing the saturation by 10% instead.


 66.4324, 51.8383,
90.5088


 66.4324, 51.8383,
90.5088


437.3860,
393.8120, 550.2973

 48.8925, 36.8762,
67.8266

 113.1610, 92.8927,
149.9866

 34.7484, 25.1117,
49.2909


 143.0804,
119.7538, 187.6194

 23.6347, 16.1603,
34.4831


177.8571,
151.3501, 231.0727

 15.1862, 9.6376,
22.9846

217.8563,
188.0659, 280.7652

 9.0373, 5.1594,
14.3769

263.4434,
230.2855, 337.1153

 4.8228, 2.3411,
8.2416

314.9839,

 2.1774, 0.7953,

278.3935, 400.5417

4.1599

372.8429,
332.7742, 471.4629

■ 0.7308, 0.0000,
1.7135

■ 0.0000, 0.0000,
0.3699

■ 66.4324, 51.8383,
90.5088

■ 66.4324, 51.8383,
90.5088

■ 62.4211, 43.9592,
88.7264

■ 71.2831, 61.3935,
92.5736

■ 59.1959, 37.6530,
87.2069

■ 77.0125, 72.7069,
94.9322

■ 56.7053, 32.8156,
85.9338

■ 83.6637, 85.8630,
97.5996

■ 54.8897, 29.3276,
84.8871

■ 89.4604, 97.3100,
99.9836

■ 53.6800, 27.0508,
84.0439

■ 89.5523, 97.3468,
100.4675

■ 52.9923, 25.8178,
83.3761

■ 89.6445, 97.3837,
100.9529

■ 52.7376, 25.4049,
82.9936

■ 89.7370, 97.4207,
101.4400

■ 89.8298, 97.4578,
101.9286

■ 89.9229, 97.4950,
102.4188

Harmonies

Analogous

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



58.1229, 51.8383, 117.9726



66.4324, 51.8383, 90.5088



70.1174, 51.8383, 59.3174

Triad

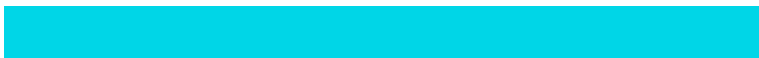
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4324, 51.8383, 90.5088



50.2644, 51.8383, 18.3795



34.5676, 51.8383, 83.9653

Complementary

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



66.4324, 51.8383, 90.5088



54.2486, 75.2062, 47.2573

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.



33.0292, 51.8383, 53.6632



66.4324, 51.8383, 90.5088



41.3664, 51.8383, 21.1933

Square

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



66.4324, 51.8383, 90.5088



60.0526, 51.8383, 22.6989



35.3528, 51.8383, 32.2187



39.8634, 51.8383, 113.4115

Rectangle

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



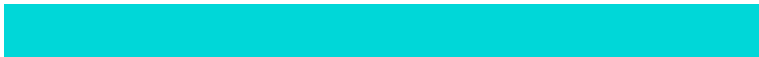
66.4324, 51.8383, 90.5088



69.1414, 51.8383, 42.3896



35.3528, 51.8383, 32.2187



33.6263, 51.8383, 73.3029

Sweetspot

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



66.4341, 51.8406, 90.5099



87.3466, 84.7552, 105.8328



44.8109, 40.6585, 91.0752



18.4821, 17.7185, 22.5663



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.



66.4341, 51.8406, 90.5099



70.2782, 51.1013, 98.6548



61.0858, 49.7013, 62.3462



17.1949, 16.7608, 20.7730



28.6835, 13.8168, 45.1689



2.5265, 1.2166, 3.9990

Inverse Universe

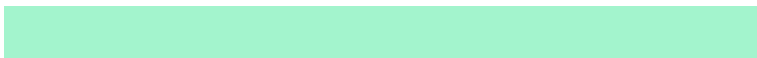
The Inverse Universe completely reimagines the original color for something new.



66.4341, 51.8406, 90.5099



70.2782, 51.1013, 98.6548



58.4583, 76.8900, 69.4251



17.1949, 16.7608, 20.7730



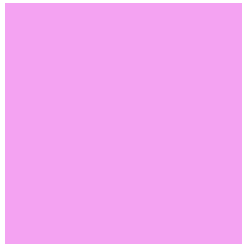
28.6835, 13.8168, 45.1689



2.5265, 1.2166, 3.9990

Previews

White Background



This preview shows how the XYZ color 66.4324, 51.8383, 90.5088 looks on a white background.

Color Contrast Check

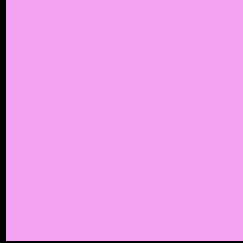
Large Text (above 18pt) WCAG AA × Fail

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 66.4324, 51.8383, 90.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

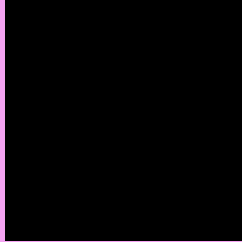
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.4324, 51.8383, 90.5088

Background



This preview shows how black text looks on a background with the XYZ color 66.4324, 51.8383, 90.5088.



This preview shows how white text looks on a background with the XYZ color 66.4324, 51.8383,

90.5088.

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

66.4324, 51.8383, 90.5088

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.4526, 52.1528, 88.1382



Tritanopia

59.0307, 51.8645, 53.9133

Trichromacy



Original Color

66.4324, 51.8383, 90.5088



Protanomaly

56.8653, 51.5504, 97.3956



Deuteranomaly

57.2325, 51.3382, 88.5541



Tritanomaly

61.5724, 51.7797, 65.7807

Monochromacy



Original Color

66.4324, 51.8383, 90.5088



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.5913, 53.2312, 70.2428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4324, 51.8383, 90.5088 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(244, 163, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 163, 242)  
}
```

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(244, 163, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 163, 242) }
```

Border

The CSS property to change the border of an element to XYZ 66.4324, 51.8383, 90.5088 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(244, 163, 242) }
```


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

```
.border{ border-color:rgb(244, 163, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 163, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 163, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 163, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 163,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4324, 51.8383, 90.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 163, 242) }
```

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

```
.background{ background-color: rgb(244,  
163, 242) }
```

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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