

Converting Colors

XYZ(66.2163, 51.9034, 92.5349)

Have a look what the booklet for
XYZ(66.2163, 51.9034, 92.5349)
contains.

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Color

**XYZ(66.3748, 52.0207,
92.9289)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A4F5
RGB	242, 164, 245
RGB Percent	95%, 64%, 96%
CMY	0.0510, 0.3568, 0.0392
CMYK	0.01, 0.33, 0.00, 0.04
HSL	298°, 80%, 80%
HSV	298°, 33%, 96%
XYZ	66.3748, 52.0207, 92.9289
YIQ	196.5560, 20.4870, 41.7270

Conversions

Conversions Part 2

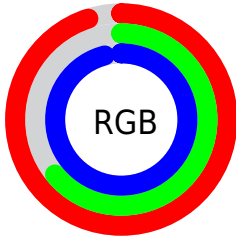
Format	Color
R _Y B	242, 164, 245
Decimal	15901941
CIE Lab	77.29, 41.47, -28.86
CIE LCh	77, 50.528, 325.167
Yxy	52.0207, 0.3141, 0.2462
Android (android.graphics.Color)	4294092021 (0xFFFF2A4F5)
YUV	196.5560, 23.8829, 39.8544
Hunter-Lab	72.1254, 38.0487, -25.9036

Details

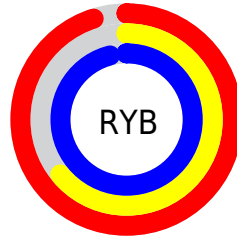
The XYZ color **66.3748, 52.0207, 92.9289** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.2914, 76.2020, 46.9188**, and the grayscale version is **52.6570, 55.3992, 60.3298**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **34.8773, 25.3573, 51.2003** is the 20% darker color. If you saturate the color by 10%, you get **62.0953, 43.9219, 91.5920**, and if you desaturate by 10%, it is **71.5037, 61.8139, 94.5496**.

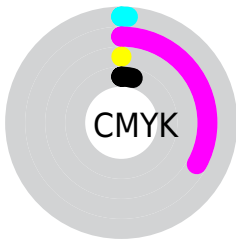
Distribution



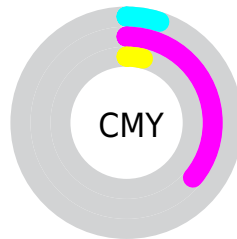
- Red (95%)
- Green (64%)
- Blue (96%)



- Red (95%)
- Yellow (64%)
- Blue (96%)



- Cyan (1%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)





- Cyan (5%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3748, 52.0207, 92.9289 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 66.3748, 52.0207, 92.9289 by changing the saturation by 10% instead.


 66.3748, 52.0207,
92.9289


 66.3748, 52.0207,
92.9289


437.1836,
394.5165, 558.3272

 48.8455, 37.0216,
69.8251

 113.0789, 93.1618,
153.3710

 34.7110, 25.2242,
50.9080


 142.9844,
120.0725, 191.5464

 23.6058, 16.2442,
35.7592


177.7460,
151.7226, 235.5827

 15.1646, 9.6971,
23.9601

217.7291,
188.4963, 285.8985

 9.0221, 5.1986,
15.0921

263.2991,
230.7782, 342.9123

 4.8128, 2.3642,
8.7367

314.8213,

 2.1715, 0.8074,

278.9526, 407.0426

4.4754

372.6610,
333.4039, 478.7081

■ 0.7276, 0.0000,
1.8896

■ 0.0000, 0.0000,
0.4861

■ 66.3748, 52.0207,
92.9289

■ 66.3748, 52.0207,
92.9289

■ 62.0953, 43.9219,
91.5920

■ 71.5037, 61.8139,
94.5496

■ 58.6116, 37.4133,
90.5193

■ 77.5217, 73.3841,
96.4657

■ 55.8716, 32.3899,
89.6941

■ 84.4721, 86.8170,
98.6922

■ 53.8152, 28.7313,
89.0963

■ 90.1182, 97.6387,
100.4834

■ 52.3727, 26.2983,
88.7027

■ 90.4366, 97.8029,
100.4983

■ 51.4597, 24.9222,
88.4852

■ 90.7566, 97.9678,
100.5133

■ 51.0498, 24.4132,
88.4086

■ 91.0781, 98.1336,
100.5283

■ 91.4012, 98.3002,
100.5435

■ 91.7258, 98.4675,
100.5587

Harmonies

Analogous

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



57.8011, 52.0207, 119.9905



66.3748, 52.0207, 92.9289



70.4384, 52.0207, 61.2593

Triad

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



66.3748, 52.0207, 92.9289



51.0312, 52.0207, 18.3646



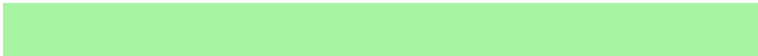
34.4208, 52.0207, 82.5084

Complementary

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



66.3748, 52.0207, 92.9289



55.2914, 76.2020, 46.9188

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.



33.1004, 52.0207, 52.2621



66.3748, 52.0207, 92.9289



41.9341, 52.0207, 20.7639

Square

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



66.3748, 52.0207, 92.9289



60.8725, 52.0207, 23.1539



35.6691, 52.0207, 31.2958



39.5439, 52.0207, 112.7238

Rectangle

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



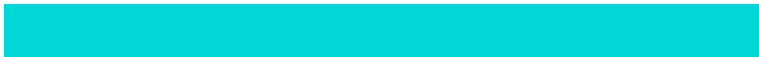
66.3748, 52.0207, 92.9289



69.7030, 52.0207, 43.7927



35.6691, 52.0207, 31.2958



33.5485, 52.0207, 71.7862

Sweetspot

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



66.3765, 52.0230, 92.9300



87.1013, 84.6171, 106.3497



45.8053, 42.5113, 92.1783



18.4222, 17.6848, 22.6925



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.



66.3765, 52.0230, 92.9300



69.3052, 50.5531, 100.7127



62.3863, 50.5468, 66.5002



17.1494, 16.7352, 20.8689



27.5286, 13.1659, 47.6284



2.4381, 1.1667, 4.1869

Inverse Universe

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



57.9084, 48.7557, 42.9202



58.6980, 46.4692, 37.6744



58.4421, 77.3899, 66.7793



16.5240, 16.4925, 17.2400



20.3239, 10.4730, 1.1483



1.7949, 0.9239, 0.1461

Previews

White Background



This preview shows how the XYZ color 66.3748, 52.0207, 92.9289 looks on a white background.

Color Contrast Check

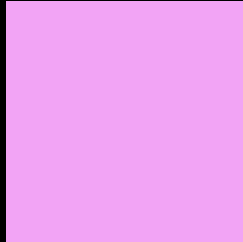
Large Text (above 18pt) WCAG AA × Fail

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 66.3748, 52.0207, 92.9289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

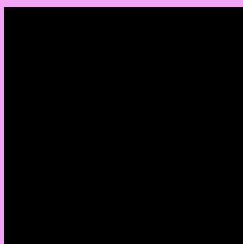
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3748, 52.0207, 92.9289

Background



This preview shows how black text looks on a background with the XYZ color 66.3748, 52.0207, 92.9289.



This preview shows how white text looks on a background with the XYZ color 66.3748, 52.0207,

92.9289.

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

66.3748, 52.0207, 92.9289

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.6276, 52.5077, 90.5276



Tritanopia

58.4470, 51.8265, 55.0671

Trichromacy



Original Color

66.3748, 52.0207, 92.9289



Protanomaly

56.7598, 51.4779, 98.2114



Deuteranomaly

57.3239, 51.6301, 90.9487



Tritanomaly

60.9966, 51.7338, 67.0924

Monochromacy



Original Color

66.3748, 52.0207, 92.9289



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.9271, 53.6991, 70.9829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3748, 52.0207, 92.9289 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(242, 164, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 245)  
}
```

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(242, 164, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 245) }
```

Border

The CSS property to change the border of an element to XYZ 66.3748, 52.0207, 92.9289 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(242, 164, 245) }
```


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

```
.border{ border-color:rgb(242, 164, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 164, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 164, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 164, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 164,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3748, 52.0207, 92.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 245) }
```

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

```
.background{ background-color: rgb(242,  
164, 245) }
```

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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