

Converting Colors

XYZ(67.4317, 52.1311, 93.3797)

Have a look what the booklet for
XYZ(67.4317, 52.1311, 93.3797)
contains.

XYZ(67.5609, 52.0873, 93.6818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.5609, 52.0873,
93.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A2F6
RGB	246, 162, 246
RGB Percent	96%, 64%, 96%
CMY	0.0353, 0.3647, 0.0353
CMYK	0.00, 0.34, 0.00, 0.04
HSL	300°, 82%, 80%
HSV	300°, 34%, 96%
XYZ	67.5609, 52.0873, 93.6818
YIQ	196.6920, 23.1000, 43.9320

Conversions

Conversions Part 2

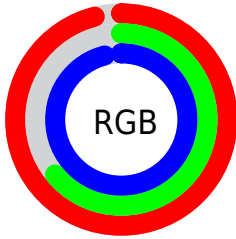
Format	Color
R _Y B	246, 162, 246
Decimal	16163574
CIE _{Lab}	77.33, 43.93, -29.30
CIE _{LCh}	77, 52.806, 326.294
Y _{xy}	52.0873, 0.3167, 0.2442
Android (android.graphics.Color)	4294353654 (0xFFF6A2F6)
YUV	196.6920, 24.3088, 43.2431
Hunter-Lab	72.1715, 40.7965, -26.4409

Details

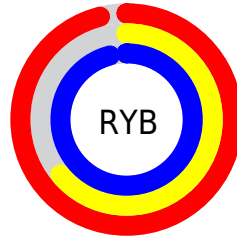
The XYZ color **67.5609, 52.0873, 93.6818** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.3798, 76.2033, 46.0279**, and the grayscale version is **52.7352, 55.4815, 60.4194**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **35.3930, 25.3028, 51.1626** is the 20% darker color. If you saturate the color by 10%, you get **63.6446, 44.2538, 92.3768**, and if you desaturate by 10%, it is **72.3281, 61.6206, 95.2715**.

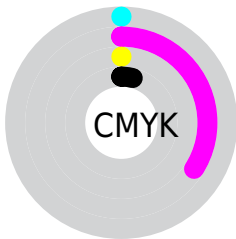
Distribution



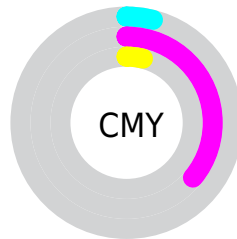
- Red (96%)
- Green (64%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5609, 52.0873, 93.6818 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 67.5609, 52.0873, 93.6818 by changing the saturation by 10% instead.


 67.5609, 52.0873,
93.6818


 67.5609, 52.0873,
93.6818


441.3398,
394.7735, 560.8124

 49.8130, 37.0747,
70.4475

 114.7691, 93.2600,
154.4221

 35.4820, 25.2653,
51.4124


 144.9601,
120.1888, 192.7651

 24.2026, 16.2748,
36.1579


180.0295,
151.8585, 236.9815

 15.6096, 9.7188,
24.2655

220.3427,
188.6534, 287.4898

 9.3374, 5.2129,
15.3167

266.2649,
230.9580, 344.7085

 5.0208, 2.3727,
8.8929

318.1616,

 2.2943, 0.8118,

279.1566, 409.0561

4.5755

376.3981,
333.6337, 480.9512

■ 0.7918, 0.0000,
1.9461

■ 0.0000, 0.0000,
0.5218

■ 67.5609, 52.0873,
93.6818

■ 67.5609, 52.0873,
93.6818

■ 63.6446, 44.2538,
92.3768

■ 72.3281, 61.6206,
95.2715

■ 60.5246, 38.0138,
91.3367

■ 77.9868, 72.9379,
97.1579

■ 58.1478, 33.2601,
90.5442

■ 84.5810, 86.1263,
99.3561

■ 56.4524, 29.8693,
89.9790

■ 90.4014, 97.7670,
101.2964

■ 55.3668, 27.6983,
89.6170

■ 90.4014, 97.7670,
101.2965

■ 54.8037, 26.5720,
89.4291

■ 90.4014, 97.7671,
101.2967

■ 54.6411, 26.2469,
89.3749

■ 90.4015, 97.7671,
101.2968

■ 90.4015, 97.7671,
101.2969

■ 90.4015, 97.7671,
101.2971

Harmonies

Analogous

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



58.6554, 52.0873, 122.9405



67.5609, 52.0873, 93.6818



71.6214, 52.0873, 60.3997

Triad

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



67.5609, 52.0873, 93.6818



50.7781, 52.0873, 17.2517



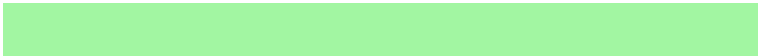
34.0055, 52.0873, 85.2168

Complementary

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



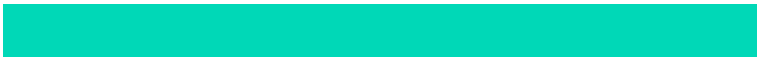
67.5609, 52.0873, 93.6818



54.3798, 76.2033, 46.0279

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.



32.4900, 52.0873, 53.1817



67.5609, 52.0873, 93.6818



41.3638, 52.0873, 19.9406

Square

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



67.5609, 52.0873, 93.6818



61.1330, 52.0873, 21.7927



34.9958, 52.0873, 31.0307



39.4579, 52.0873, 116.9951

Rectangle

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



67.5609, 52.0873, 93.6818



70.6761, 52.0873, 42.4471



34.9958, 52.0873, 31.0307



33.0538, 52.0873, 73.8660

Sweetspot

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



67.5626, 52.0896, 93.6829



87.4478, 84.7957, 106.3658



44.4575, 40.1785, 92.6021



18.5068, 17.7284, 22.6964



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.



67.5626, 52.0896, 93.6829



70.2682, 50.4365, 100.6388



61.8274, 49.7955, 63.4818



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Inverse Universe

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



67.5626, 52.0896, 93.6829



70.2682, 50.4365, 100.6388



58.7572, 77.9542, 69.0788



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 67.5609, 52.0873, 93.6818 looks on a white background.

Color Contrast Check

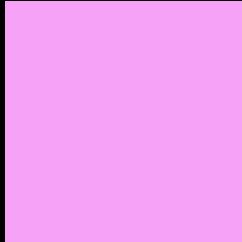
Large Text (above 18pt) WCAG AA × Fail

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 67.5609, 52.0873, 93.6818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

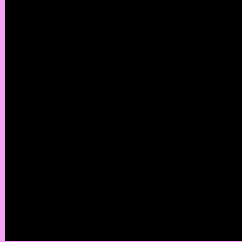
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5609, 52.0873, 93.6818

Background



This preview shows how black text looks on a background with the XYZ color 67.5609, 52.0873, 93.6818.



This preview shows how white text looks on a background with the XYZ color 67.5609, 52.0873,

93.6818.

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

67.5609, 52.0873, 93.6818

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.6276, 52.5077, 90.5276



Tritanopia

59.3656, 52.0371, 53.9290

Trichromacy



Original Color

67.5609, 52.0873, 93.6818



Protanomaly

57.2440, 51.4106, 99.0016



Deuteranomaly

58.0299, 51.9767, 91.7680



Tritanomaly

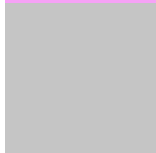
62.0355, 52.0043, 66.4427

Monochromacy



Original Color

67.5609, 52.0873, 93.6818



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.4306, 53.6343, 71.6155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5609, 52.0873, 93.6818 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(246, 162, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 246)  
}
```

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(246, 162, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 246) }
```

Border

The CSS property to change the border of an element to XYZ 67.5609, 52.0873, 93.6818 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(246, 162, 246) }
```


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

```
.border{ border-color:rgb(246, 162, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5609, 52.0873, 93.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 246) }
```

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

```
.background{ background-color: rgb(246,  
162, 246) }
```

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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