

Converting Colors

XYZ(66.4135, 54.3927, 77.6462)

Have a look what the booklet for
XYZ(66.4135, 54.3927, 77.6462)
contains.

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Color

**XYZ(66.3752, 54.2818,
77.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ABE0
RGB	247, 171, 224
RGB Percent	97%, 67%, 88%
CMY	0.0314, 0.3294, 0.1216
CMYK	0.00, 0.31, 0.09, 0.03
HSL	318°, 83%, 82%
HSV	318°, 31%, 97%
XYZ	66.3752, 54.2818, 77.5001
YIQ	199.7660, 28.2830, 32.5950

Conversions

Conversions Part 2

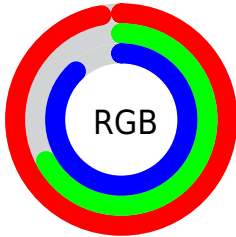
Format	Color
R_{YB}	247, 171, 224
Decimal	16231392
CIE _{Lab}	78.63, 35.73, -15.42
CIE _{LCh}	79, 38.918, 336.653
Yxy	54.2818, 0.3350, 0.2739
Android (android.graphics.Color)	4294421472 (0xFFF7ABE0)
YUV	199.7660, 11.9474, 41.4242
Hunter-Lab	73.6762, 31.8781, -10.7939

Details

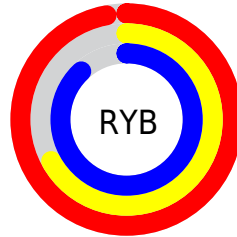
The XYZ color **66.3752, 54.2818, 77.5001** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.7952, 79.0760, 63.1540**, and the grayscale version is **54.6739, 57.5212, 62.6406**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **34.8751, 26.7686, 40.8649** is the 20% darker color. If you saturate the color by 10%, you get **61.1470, 45.4116, 70.8651**, and if you desaturate by 10%, it is **72.5230, 64.9182, 84.6628**.

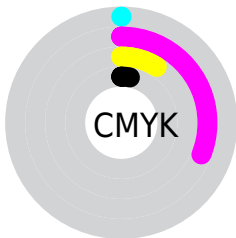
Distribution



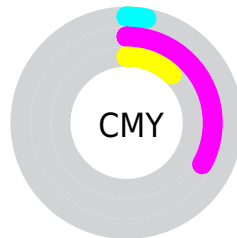
- Red (97%)
- Green (67%)
- Blue (88%)



- Red (97%)
- Yellow (67%)
- Blue (88%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (33%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3752, 54.2818, 77.5001 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 66.3752, 54.2818, 77.5001 by changing the saturation by 10% instead.


 66.3752, 54.2818,
77.5001

 66.3752, 54.2818,
77.5001


437.1850,
403.1837, 505.9503

 48.8459, 38.8270,
57.1494


 113.0794, 96.4879,
131.6246

 34.7113, 26.6252,
40.7150


142.9850,
124.0080, 166.2356

 23.6060, 17.2919,
27.7785


177.7468,
156.3186, 206.4370

 15.1648, 10.4428,
17.9212

217.7300,
193.8041, 252.6474

 9.0222, 5.6935,
10.7245

263.3001,
236.8490, 305.2854

 4.8129, 2.6596,
5.7701

314.8224,

 2.1715, 0.9567,

285.8377, 364.7696

2.6393

372.6623,
341.1544, 431.5183

■ 0.7277, 0.0000,
0.9126

■ 0.0000, 0.0000,
0.0000

■ 66.3752, 54.2818,
77.5001

■ 66.3752, 54.2818,
77.5001

■ 61.1470, 45.4116,
70.8651

■ 72.5230, 64.9182,
84.6628

■ 56.7842, 38.2027,
64.7351

■ 79.6309, 77.4033,
92.3675

■ 53.2345, 32.5504,
59.0905

■ 87.7429, 91.8235,
100.6324

■ 50.4375, 28.3352,
53.9082

■ 91.9920, 98.4439,
107.8376

■ 48.3243, 25.4198,
49.1623

■ 92.1681, 98.5143,
108.7651

■ 46.8123, 23.6401,
44.8221

■ 45.8282, 22.7624,
41.1319

Harmonies

Analogous

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



60.9214, 54.2818, 99.9447



66.3752, 54.2818, 77.5001



67.6966, 54.2818, 54.3375

Triad

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



66.3752, 54.2818, 77.5001



49.9010, 54.2818, 26.2601



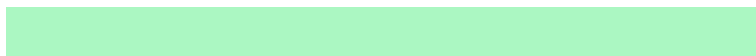
40.6287, 54.2818, 88.1195

Complementary

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



66.3752, 54.2818, 77.5001



59.7952, 79.0760, 63.1540

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.



38.2704, 54.2818, 64.1406



66.3752, 54.2818, 77.5001



43.2695, 54.2818, 31.2504

Square

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



66.3752, 54.2818, 77.5001



57.6701, 54.2818, 28.1545



39.1870, 54.2818, 43.8764



45.9590, 54.2818, 107.0626

Rectangle

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



66.3752, 54.2818, 77.5001



65.9502, 54.2818, 42.0880



39.1870, 54.2818, 43.8764



39.4875, 54.2818, 80.1799

Sweetspot

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



66.3768, 54.2843, 77.5012



87.0624, 85.7821, 100.8199



53.5506, 47.2870, 94.3014



18.3765, 17.9035, 21.3100



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.



66.3768, 54.2843, 77.5012



67.7124, 52.1430, 78.7678



61.8069, 52.4563, 53.4362



16.9875, 16.6779, 19.6809



24.3028, 12.0646, 22.1007



2.1814, 1.0785, 2.1818

Inverse Universe

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



66.3768, 54.2843, 77.5012



67.7124, 52.1430, 78.7678



64.5943, 80.9957, 88.4258



16.9875, 16.6779, 19.6809



24.3028, 12.0646, 22.1007



2.1814, 1.0785, 2.1818

Previews

White Background



This preview shows how the XYZ color 66.3752, 54.2818, 77.5001 looks on a white background.

Color Contrast Check

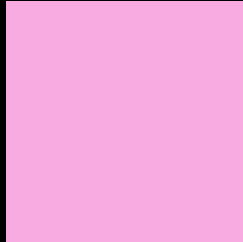
Large Text (above 18pt) WCAG AA × Fail

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 66.3752, 54.2818, 77.5001 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 66.3752, 54.2818, 77.5001

Background



This preview shows how black text looks on a background with the XYZ color 66.3752, 54.2818, 77.5001.



This preview shows how white text looks on a background with the XYZ color 66.3752, 54.2818,

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

66.3752, 54.2818, 77.5001

Protanopia

54.6575, 54.6862, 89.3361

Deuteranopia

55.8217, 54.6039, 76.0041



Tritanopia

62.0883, 54.2606, 56.4911

Trichromacy



Original Color

66.3752, 54.2818, 77.5001



Protanomaly

58.2127, 54.0483, 85.2061



Deuteranomaly

59.0317, 54.0463, 76.4279



Tritanomaly

63.4177, 54.2048, 63.6200

Monochromacy



Original Color

66.3752, 54.2818, 77.5001



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.3215, 55.7504, 68.0086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3752, 54.2818, 77.5001 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(247, 171, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 171, 224)  
}
```

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(247, 171, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.3752, 54.2818, 77.5001 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(247, 171, 224) }
```


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

```
.border{ border-color:rgb(247, 171, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 171, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3752, 54.2818, 77.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 171, 224) }
```

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

```
.background{ background-color: rgb(247,  
171, 224) }
```

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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