

Converting Colors

XYZ(68.6611, 49.6194, 54.1959)

Have a look what the booklet for
XYZ(68.6611, 49.6194, 54.1959)
contains.

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Color

**XYZ(60.7042, 45.4919,
53.7255)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92BD
RGB	255, 146, 189
RGB Percent	100%, 57%, 74%
CMY	0.0000, 0.4274, 0.2588
CMYK	0.00, 0.43, 0.26, 0.00
HSL	336°, 100%, 79%
HSV	336°, 43%, 100%
XYZ	60.7042, 45.4919, 53.7255
YIQ	183.4930, 51.1610, 36.4810

Conversions

Conversions Part 2

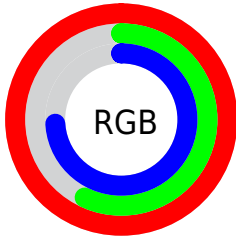
Format	Color
R _{YB}	255, 146, 189
Decimal	16749245
CIE _{Lab}	73.21, 46.04, -4.22
CIE _{LCh}	73, 46.237, 354.760
Yxy	45.4919, 0.3796, 0.2845
Android (android.graphics.Color)	4294939325 (0xFFFF92BD)
YUV	183.4930, 2.7150, 62.7116
Hunter-Lab	67.4477, 42.6200, -0.0141

Details

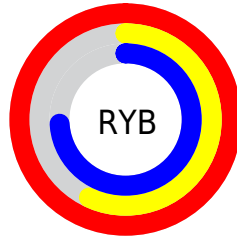
The XYZ color **60.7042, 45.4919, 53.7255** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4997, 82.3854, 75.0572**, and the grayscale version is **45.2475, 47.6039, 51.8407**.

A 20% lighter version of the original color is **78.8420, 70.0936, 95.7602**, and **31.0360, 21.1676, 25.7425** is the 20% darker color. If you saturate the color by 10%, you get **55.6147, 37.8540, 44.1952**, and if you desaturate by 10%, it is **66.8510, 54.9585, 64.4898**.

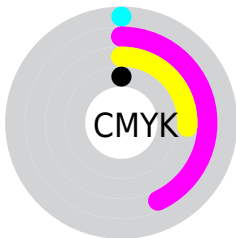
Distribution



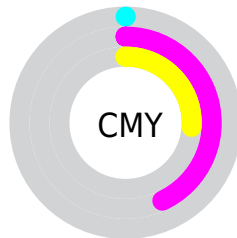
- Red (100%)
- Green (57%)
- Blue (74%)



- Red (100%)
- Yellow (57%)
- Blue (74%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7042, 45.4919, 53.7255 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 60.7042, 45.4919, 53.7255 by changing the saturation by 10% instead.

 60.7042, 45.4919,
53.7255


 60.7042, 45.4919,
53.7255


416.9819,
368.7621, 418.2074

 44.2381, 31.8451,
37.9906


 104.9511, 83.4581,
97.1234

 31.0565, 21.2432,
25.6736


 133.4626,
108.5462, 125.6235

 20.7939, 13.3019,
16.3560


166.7199,
138.2168, 159.2157

 13.0850, 7.6367,
9.6194

205.0885,
172.8544, 198.3185

 7.5645, 3.8634,
5.0450

248.9336,
212.8434, 243.3506

 3.8670, 1.5974,
2.2145

298.6206,

 1.6272, 0.3559,

258.5680, 294.7304

0.6827

354.5149,
310.4128, 352.8765

■ 0.4100, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7042, 45.4919,
53.7255

■ 60.7042, 45.4919,
53.7255

■ 55.6147, 37.8540,
44.1952

■ 66.8510, 54.9585,
64.4898

■ 51.5146, 31.9184,
35.8471

■ 74.1106, 66.3567,
76.5311

■ 48.3330, 27.5523,
28.6295

■ 82.5384, 79.7891,
89.8937

■ 45.9871, 24.6004,
22.4842

■ 92.1851, 95.3492,
104.6186

■ 44.3779, 22.8745, 95.0500, 100.0000,
17.3459 108.9000

■ 43.5689, 22.1915,
14.1937

Harmonies

Analogous

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



57.2691, 45.4919, 80.0354



60.7042, 45.4919, 53.7255



59.0043, 45.4919, 33.0816

Triad

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



60.7042, 45.4919, 53.7255



37.0299, 45.4919, 19.0356



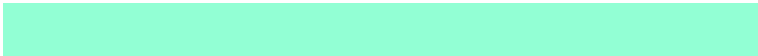
34.8492, 45.4919, 95.7048

Complementary

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



60.7042, 45.4919, 53.7255



59.4997, 82.3854, 75.0572

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.



30.5658, 45.4919, 70.6947



60.7042, 45.4919, 53.7255



31.7102, 45.4919, 27.9711

Square

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



60.7042, 45.4919, 53.7255



44.6788, 45.4919, 17.0380



29.4925, 45.4919, 45.5644



41.8298, 45.4919, 108.6579

Rectangle

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



60.7042, 45.4919, 53.7255



55.2858, 45.4919, 24.2681



29.4925, 45.4919, 45.5644



33.0826, 45.4919, 88.1123

Sweetspot

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



60.7053, 45.4940, 53.7264



82.3062, 79.4168, 89.5326



55.3094, 41.6883, 99.7393



17.1982, 16.3280, 18.5092



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.



60.7053, 45.4940, 53.7264



56.4286, 39.0591, 45.7694



58.4699, 47.4177, 33.2677



18.3061, 18.1058, 20.2291



22.8340, 11.6229, 7.7761



2.2752, 1.1525, 1.0306

Inverse Universe

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



60.7053, 45.4940, 53.7264



56.4286, 39.0591, 45.7694



62.2863, 78.0936, 106.3985



18.3061, 18.1058, 20.2291



22.8340, 11.6229, 7.7761



2.2752, 1.1525, 1.0306

Previews

White Background



This preview shows how the XYZ color 60.7042, 45.4919, 53.7255 looks on a white background.

Color Contrast Check

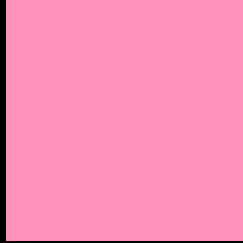
Large Text (above 18pt) WCAG AA × Fail

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 60.7042, 45.4919, 53.7255 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 60.7042, 45.4919, 53.7255

Background



This preview shows how black text looks on a background with the XYZ color 60.7042, 45.4919, 53.7255.



This preview shows how white text looks on a background with the XYZ color 60.7042, 45.4919,

53.7255.

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

60.7042, 45.4919, 53.7255

Protanopia

45.3079, 45.9576, 66.8043

Deuteranopia

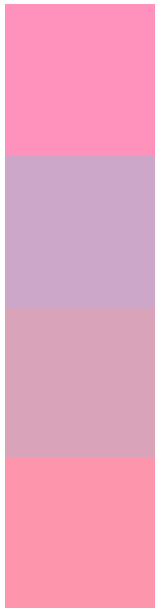
46.7467, 45.8564, 51.7348



Tritanopia

57.7331, 45.4373, 39.9098

Trichromacy



Original Color

60.7042, 45.4919, 53.7255

Protanomaly

49.3812, 44.7391, 61.9099

Deuteranomaly

50.7537, 44.8478, 52.4359

Tritanomaly

58.7019, 45.3561, 44.6904

Monochromacy



Original Color

60.7042, 45.4919, 53.7255

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

49.4262, 45.8075, 52.1356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7042, 45.4919, 53.7255 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(255, 146, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 189)  
}
```

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(255, 146, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 189) }
```

Border

The CSS property to change the border of an element to XYZ 60.7042, 45.4919, 53.7255 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(255, 146, 189) }
```


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

```
.border{ border-color:rgb(255, 146, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 146, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7042, 45.4919, 53.7255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 189) }
```

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

```
.background{ background-color: rgb(255,  
146, 189) }
```

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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