

Converting Colors

XYZ(60.3413, 45.6472, 50.8885)

Have a look what the booklet for
XYZ(60.3413, 45.6472, 50.8885)
contains.

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Color

**XYZ(60.3254, 45.5881,
50.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93B8
RGB	255, 147, 184
RGB Percent	100%, 58%, 72%
CMY	0.0000, 0.4235, 0.2784
CMYK	0.00, 0.42, 0.28, 0.00
HSL	339°, 100%, 79%
HSV	339°, 42%, 100%
XYZ	60.3254, 45.5881, 50.9673
YIQ	183.5100, 52.4910, 34.4030

Conversions

Conversions Part 2

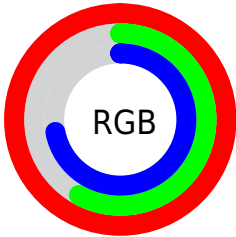
Format	Color
R_{YB}	255, 147, 184
Decimal	16749496
CIE _{Lab}	73.28, 44.88, -1.36
CIE _{LCh}	73, 44.896, 358.261
Yxy	45.5881, 0.3845, 0.2906
Android (android.graphics.Color)	4294939576 (0xFFFF93B8)
YUV	183.5100, 0.2416, 62.6967
Hunter-Lab	67.5190, 41.3242, 2.5077

Details

The XYZ color **60.3254, 45.5881, 50.9673** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.4495, 82.7859, 79.1269**, and the grayscale version is **45.2695, 47.6271, 51.8659**.

A 20% lighter version of the original color is **78.3241, 70.2631, 91.8721**, and **30.8644, 21.3799, 23.9727** is the 20% darker color. If you saturate the color by 10%, you get **55.1360, 37.8570, 41.0750**, and if you desaturate by 10%, it is **66.6042, 55.1644, 62.2513**.

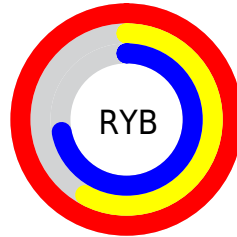
Distribution



Red (100%)

Green (58%)

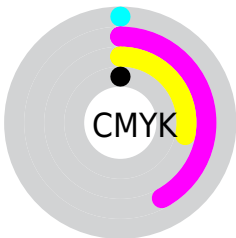
Blue (72%)



Red (100%)

Yellow (58%)

Blue (72%)

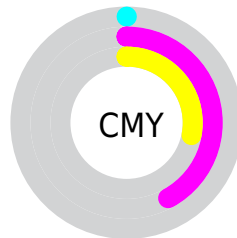


Cyan (0%)

Magenta (42%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3254, 45.5881, 50.9673 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 60.3254, 45.5881, 50.9673 by changing the saturation by 10% instead.


 60.3254, 45.5881,
50.9673


 60.3254, 45.5881,
50.9673


415.6117,
369.1502, 407.2797

 43.9314, 31.9209,
35.8060

 104.4052, 83.6022,
93.0174

 30.8143, 21.3011,
23.9959


 132.8218,
108.7179, 120.7434

 20.6086, 13.3443,
15.1184


165.9766,
138.4186, 153.4947

 12.9490, 7.6660,
8.7550

204.2350,
173.0886, 191.6898

 7.4702, 3.8820,
4.4871

247.9623,
213.1124, 235.7473

 3.8068, 1.6078,
1.8962

297.5240,

 1.5934, 0.3628,

258.8743, 286.0858

0.4903

353.2853,
310.7588, 343.1237

■ 0.3881, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3254, 45.5881,
50.9673

■ 60.3254, 45.5881,
50.9673

■ 55.1360, 37.8570,
41.0750

■ 66.6042, 55.1644,
62.2513

■ 50.9666, 31.8442,
32.5140

■ 74.0291, 66.6887,
74.9784

■ 47.7446, 27.4171,
25.2228

■ 82.6570, 80.2641,
89.2004

■ 45.3861, 24.4203,
19.1333

■ 92.5398, 95.9844,
104.9657

■ 43.7904, 22.6666, 95.0500, 100.0000,
14.1687 108.9000

■ 42.9748, 21.9539,
11.0651

Harmonies

Analogous

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



57.5500, 45.5881, 76.1709



60.3254, 45.5881, 50.9673



58.1078, 45.5881, 31.7816

Triad

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



60.3254, 45.5881, 50.9673



36.5386, 45.5881, 20.3679



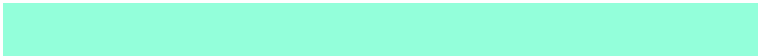
35.8318, 45.5881, 96.4965

Complementary

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



60.3254, 45.5881, 50.9673



60.4495, 82.7859, 79.1269

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.



31.2978, 45.5881, 73.1741



60.3254, 45.5881, 50.9673



31.6697, 45.5881, 30.1159

Square

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



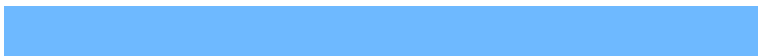
60.3254, 45.5881, 50.9673



43.7919, 45.5881, 17.6507



29.8703, 45.5881, 48.3314



42.8716, 45.5881, 106.9381

Rectangle

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



60.3254, 45.5881, 50.9673



54.2310, 45.5881, 23.7700



29.8703, 45.5881, 48.3314



33.9976, 45.5881, 89.6128

Sweetspot

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



60.3266, 45.5903, 50.9682



82.0589, 79.3179, 88.2300



57.1602, 42.8723, 99.8702



17.1375, 16.3037, 18.1896



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.



60.3266, 45.5903, 50.9682



55.7758, 38.7980, 42.3317



59.6408, 49.6343, 34.0435



18.2662, 18.0898, 20.0188



22.5179, 11.4965, 6.1118



2.2414, 1.1389, 0.8526

Inverse Universe

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



60.3266, 45.5903, 50.9682



55.7758, 38.7980, 42.3317



60.8921, 75.0402, 105.8826



18.2662, 18.0898, 20.0188



22.5179, 11.4965, 6.1118



2.2414, 1.1389, 0.8526

Previews

White Background



This preview shows how the XYZ color 60.3254, 45.5881, 50.9673 looks on a white background.

Color Contrast Check

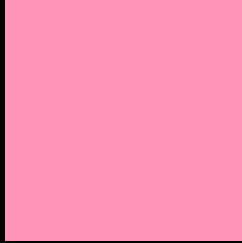
Large Text (above 18pt) WCAG AA × Fail

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 60.3254, 45.5881, 50.9673 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 60.3254, 45.5881, 50.9673

Background



This preview shows how black text looks on a background with the XYZ color 60.3254, 45.5881, 50.9673.



This preview shows how white text looks on a background with the XYZ color 60.3254, 45.5881,

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

60.3254, 45.5881, 50.9673

Protanopia

45.1506, 45.9469, 63.6157

Deuteranopia

46.7554, 45.9204, 49.0471



Tritanopia

58.0962, 45.6245, 39.9268

Trichromacy



Original Color

60.3254, 45.5881, 50.9673



Protanomaly

49.0736, 44.6478, 58.8547



Deuteranomaly

51.0090, 45.3065, 49.7726



Tritanomaly

59.0351, 45.7858, 43.7563

Monochromacy



Original Color

60.3254, 45.5881, 50.9673



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.7930, 46.2881, 51.6575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3254, 45.5881, 50.9673 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, 147, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 184)  
}
```

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, 147, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 184) }
```

Border

The CSS property to change the border of an element to XYZ 60.3254, 45.5881, 50.9673 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, 147, 184) }
```


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

```
.border{ border-color:rgb(255, 147, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3254, 45.5881, 50.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 184) }
```

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

```
.background{ background-color: rgb(255,  
147, 184) }
```

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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