

Converting Colors

XYZ(96.4285, 64.2040, 55.6824)

Have a look what the booklet for
XYZ(96.4285, 64.2040, 55.6824)
contains.

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Color

**XYZ(60.8590, 45.8016,
53.7771)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93BD
RGB	255, 147, 189
RGB Percent	100%, 58%, 74%
CMY	0.0000, 0.4235, 0.2588
CMYK	0.00, 0.42, 0.26, 0.00
HSL	337°, 100%, 79%
HSV	337°, 42%, 100%
XYZ	60.8590, 45.8016, 53.7771
YIQ	184.0800, 50.8860, 35.9580

Conversions

Conversions Part 2

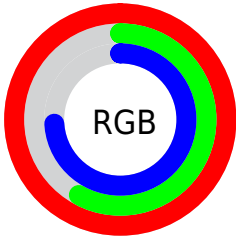
Format	Color
R _Y B	255, 147, 189
Decimal	16749501
CIE Lab	73.42, 45.54, -3.93
CIE LCh	73, 45.708, 355.074
Yxy	45.8016, 0.3793, 0.2855
Android (android.graphics.Color)	4294939581 (0xFFFF93BD)
YUV	184.0800, 2.4256, 62.1968
Hunter-Lab	67.6769, 42.0831, 0.2611

Details

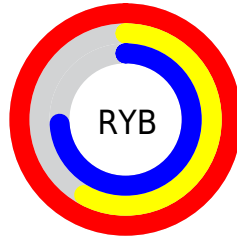
The XYZ color **60.8590, 45.8016, 53.7771** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.8049, 82.5281, 75.7323**, and the grayscale version is **45.5728, 47.9461, 52.2133**.

A 20% lighter version of the original color is **79.0774, 70.5644, 95.8387**, and **31.2116, 21.5187, 25.8011** is the 20% darker color. If you saturate the color by 10%, you get **55.7224, 38.0916, 44.1625**, and if you desaturate by 10%, it is **67.0586, 55.3462, 64.6439**.

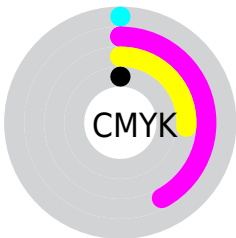
Distribution



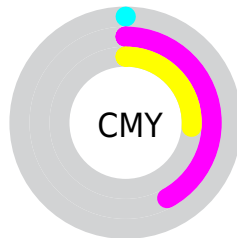
- Red (100%)
- Green (58%)
- Blue (74%)



- Red (100%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8590, 45.8016, 53.7771 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 60.8590, 45.8016, 53.7771 by changing the saturation by 10% instead.


 60.8590, 45.8016,
53.7771


 60.8590, 45.8016,
53.7771


417.5410,
370.0104, 418.4100

 44.3635, 32.0893,
38.0315

 105.1740, 83.9220,
97.2000

 31.1555, 21.4297,
25.7051


 133.7243,
109.0989, 125.7144

 20.8697, 13.4385,
16.3794


167.0234,
138.8661, 159.3221

 13.1407, 7.7312,
9.6358


205.4369,
173.6079, 198.4418

 7.6032, 3.9234,
5.0557

249.3301,
213.7089, 243.4918

 3.8918, 1.6308,
2.2207

299.0682,

 1.6411, 0.3782,

259.5534, 294.8909

0.6863

355.0167,
311.5258, 353.0574

■ 0.4190, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8590, 45.8016,
53.7771

■ 60.8590, 45.8016,
53.7771

■ 55.7224, 38.0916,
44.1625

■ 67.0586, 55.3462,
64.6439

■ 51.5807, 32.0899,
35.7477

■ 74.3764, 66.8276,
76.8067

■ 48.3632, 27.6645,
28.4799

■ 82.8678, 80.3485,
90.3103

■ 45.9876, 24.6609,
22.3004

■ 92.5837, 96.0020,
105.1965

■ 44.3552, 22.8926, 95.0500, 100.0000,
17.1431 108.9000

■ 43.4997, 22.1639,
13.8296

Harmonies

Analogous

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



57.5063, 45.8016, 79.8200



60.8590, 45.8016, 53.7771



59.1225, 45.8016, 33.3354

Triad

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



60.8590, 45.8016, 53.7771



37.2938, 45.8016, 19.5168



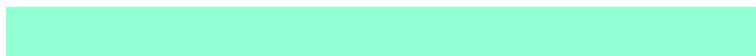
35.2542, 45.8016, 95.7945

Complementary

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



60.8590, 45.8016, 53.7771



59.8049, 82.5281, 75.7323

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.



30.9574, 45.8016, 71.1286



60.8590, 45.8016, 53.7771



32.0292, 45.8016, 28.5416

Square

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



60.8590, 45.8016, 53.7771



44.8767, 45.8016, 17.4459



29.8536, 45.8016, 46.1572



42.2165, 45.8016, 108.4025

Rectangle

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



60.8590, 45.8016, 53.7771



55.4123, 45.8016, 24.5960



29.8536, 45.8016, 46.1572



33.4858, 45.8016, 88.3292

Sweetspot

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



60.8602, 45.8038, 53.7780



82.2794, 79.4061, 89.3913



55.5794, 42.0574, 99.7963



17.1916, 16.3253, 18.4745



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.



60.8602, 45.8038, 53.7780



56.3564, 39.0302, 45.3895



58.7009, 47.7545, 33.7303



18.3018, 18.1040, 20.2063



22.7973, 11.6082, 7.5830



2.2713, 1.1509, 1.0103

Inverse Universe

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



60.8602, 45.8038, 53.7780



56.3564, 39.0302, 45.3895



62.4950, 78.2459, 106.4169



18.3018, 18.1040, 20.2063



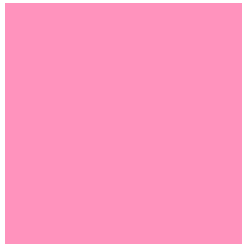
22.7973, 11.6082, 7.5830



2.2713, 1.1509, 1.0103

Previews

White Background



This preview shows how the XYZ color 60.8590, 45.8016, 53.7771 looks on a white background.

Color Contrast Check

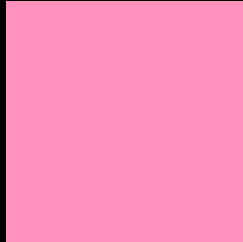
Large Text (above 18pt) WCAG AA × Fail

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 60.8590, 45.8016, 53.7771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

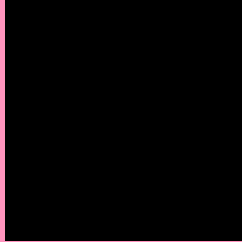
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8590, 45.8016, 53.7771

Background



This preview shows how black text looks on a background with the XYZ color 60.8590, 45.8016, 53.7771.



This preview shows how white text looks on a background with the XYZ color 60.8590, 45.8016,

53.7771.

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

60.8590, 45.8016, 53.7771

Protanopia

45.3079, 45.9576, 66.8043

Deuteranopia

47.0077, 45.9910, 51.7470



Tritanopia

57.9840, 45.7963, 40.4338

Trichromacy



Original Color

60.8590, 45.8016, 53.7771



Protanomaly

49.3812, 44.7391, 61.9099



Deuteranomaly

51.2315, 45.3609, 52.5097



Tritanomaly

58.8608, 45.6739, 44.7434

Monochromacy



Original Color

60.8590, 45.8016, 53.7771



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.0042, 46.3726, 52.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8590, 45.8016, 53.7771 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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, 147, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 189) }
```

Border

The CSS property to change the border of an element to XYZ 60.8590, 45.8016, 53.7771 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, 189) }
```


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

```
.border{ border-color:rgb(255, 147, 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, 147, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8590, 45.8016, 53.7771 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, 189) }
```

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

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