

Converting Colors

XYZ(97.3859, 64.6355, 55.9282)

Have a look what the booklet for
XYZ(97.3859, 64.6355, 55.9282)
contains.

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Color

**XYZ(60.9680, 45.8451,
54.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93BE
RGB	255, 147, 190
RGB Percent	100%, 58%, 75%
CMY	0.0000, 0.4235, 0.2549
CMYK	0.00, 0.42, 0.25, 0.00
HSL	336°, 100%, 79%
HSV	336°, 42%, 100%
XYZ	60.9680, 45.8451, 54.3508
YIQ	184.1940, 50.5650, 36.2690

Conversions

Conversions Part 2

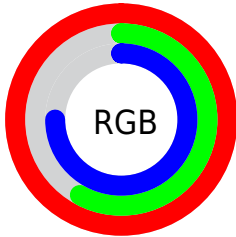
Format	Color
R_{YB}	255, 147, 190
Decimal	16749502
CIE _{Lab}	73.44, 45.67, -4.44
CIE _{LCh}	73, 45.889, 354.452
Yxy	45.8451, 0.3783, 0.2845
Android (android.graphics.Color)	4294939582 (0xFFFF93BE)
YUV	184.1940, 2.8624, 62.0969
Hunter-Lab	67.7090, 42.2380, -0.1965

Details

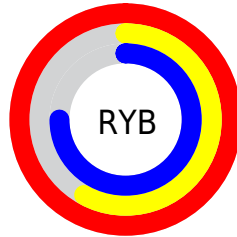
The XYZ color **60.9680, 45.8451, 54.3508** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.6782, 82.4774, 75.0654**, and the grayscale version is **45.6334, 48.0099, 52.2827**.

A 20% lighter version of the original color is **79.2305, 70.6257, 96.6450**, and **31.2830, 21.5473, 26.1772** is the 20% darker color. If you saturate the color by 10%, you get **55.8429, 38.1397, 44.7974**, and if you desaturate by 10%, it is **67.1507, 55.3829, 65.1294**.

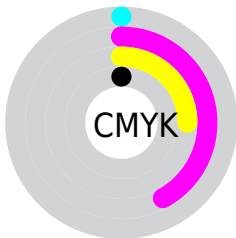
Distribution



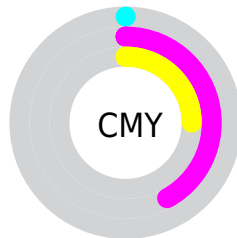
- Red (100%)
- Green (58%)
- Blue (75%)



- Red (100%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (42%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9680, 45.8451, 54.3508 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 60.9680, 45.8451, 54.3508 by changing the saturation by 10% instead.


 60.9680, 45.8451,
54.3508


 60.9680, 45.8451,
54.3508


417.9345,
370.1856, 420.6587

 44.4518, 32.1236,
38.4871


 105.3310, 83.9871,
98.0507

 31.2253, 21.4559,
26.0562


 133.9085,
109.1765, 126.7240

 20.9231, 13.4577,
16.6395


167.2371,
138.9572, 160.5043

 13.1800, 7.7445,
9.8186

205.6821,
173.7137, 199.8100

 7.6304, 3.9319,
5.1748

249.6091,
213.8304, 245.0598

 3.9092, 1.6355,
2.2897

299.3832,

 1.6509, 0.3814,

259.6917, 296.6721

0.7254

355.3699,
311.6819, 355.0656

■ 0.4252, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9680, 45.8451,
54.3508

■ 60.9680, 45.8451,
54.3508

■ 55.8429, 38.1397,
44.7974

■ 67.1507, 55.3829,
65.1294

■ 51.7080, 32.1407,
36.4183

■ 74.4463, 66.8555,
77.1756

■ 48.4927, 27.7163,
29.1623

■ 82.9100, 80.3652,
90.5331

■ 46.1151, 24.7119,
22.9723

■ 92.5923, 96.0052,
105.2424

■ 44.4769, 22.9412, 95.0500, 100.0000,
17.7839 108.9000

■ 43.6146, 22.2098,
14.4343

Harmonies

Analogous

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



57.4995, 45.8451, 80.5649



60.9680, 45.8451, 54.3508



59.3283, 45.8451, 33.6510

Triad

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



60.9680, 45.8451, 54.3508



37.4460, 45.8451, 19.3490



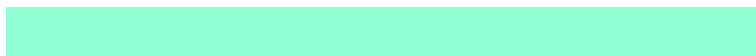
35.1399, 45.8451, 95.6598

Complementary

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



60.9680, 45.8451, 54.3508



59.6782, 82.4774, 75.0654

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.



30.8898, 45.8451, 70.7278



60.9680, 45.8451, 54.3508



32.1012, 45.8451, 28.2339

Square

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



60.9680, 45.8451, 54.3508



45.0961, 45.8451, 17.4043



29.8501, 45.8451, 45.7321



42.0874, 45.8451, 108.7023

Rectangle

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



60.9680, 45.8451, 54.3508



55.6517, 45.8451, 24.7623



29.8501, 45.8451, 45.7321



33.3845, 45.8451, 88.0788

Sweetspot

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



60.9691, 45.8472, 54.3517



82.3237, 79.4238, 89.6248



55.5792, 42.0572, 99.7962



17.2025, 16.3297, 18.5319



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.



60.9691, 45.8472, 54.3517



56.4758, 39.0780, 46.0179



58.7007, 47.7543, 33.7301



18.3089, 18.1069, 20.2440



22.8582, 11.6326, 7.9037



2.2777, 1.1535, 1.0439

Inverse Universe

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



60.9691, 45.8472, 54.3517



56.4758, 39.0780, 46.0179



62.4949, 78.2458, 106.4169



18.3089, 18.1069, 20.2440



22.8582, 11.6326, 7.9037



2.2777, 1.1535, 1.0439

Previews

White Background



This preview shows how the XYZ color 60.9680, 45.8451, 54.3508 looks on a white background.

Color Contrast Check

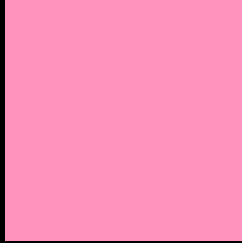
Large Text (above 18pt) WCAG AA × Fail

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 60.9680, 45.8451, 54.3508 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 60.9680, 45.8451, 54.3508

Background



This preview shows how black text looks on a background with the XYZ color 60.9680, 45.8451, 54.3508.



This preview shows how white text looks on a background with the XYZ color 60.9680, 45.8451,

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

60.9680, 45.8451, 54.3508

Protanopia

45.4322, 46.0073, 67.4585

Deuteranopia

46.8519, 45.8985, 52.2889



Tritanopia

57.9840, 45.7963, 40.4338

Trichromacy



Original Color

60.9680, 45.8451, 54.3508



Protanomaly

49.5000, 44.7866, 62.5357



Deuteranomaly

51.0400, 45.2498, 53.0577



Tritanomaly

58.9572, 45.7125, 45.2512

Monochromacy



Original Color

60.9680, 45.8451, 54.3508



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 60.9680, 45.8451, 54.3508 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.9680, 45.8451, 54.3508 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, 190) }
```


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

```
.border{ border-color:rgb(255, 147, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9680, 45.8451, 54.3508 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
147, 190) }
```

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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