

Converting Colors

XYZ(57.7900, 45.8594, 44.0303)

Have a look what the booklet for
XYZ(57.7900, 45.8594, 44.0303)
contains.

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Color

**XYZ(57.7139, 45.8245,
43.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	F999AA
RGB	249, 153, 170
RGB Percent	98%, 60%, 67%
CMY	0.0235, 0.4000, 0.3333
CMYK	0.00, 0.39, 0.32, 0.02
HSL	349°, 89%, 79%
HSV	349°, 39%, 98%
XYZ	57.7139, 45.8245, 43.8334
YIQ	183.6420, 51.7590, 25.6390

Conversions

Conversions Part 2

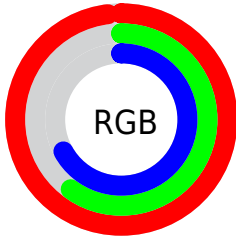
Format	Color
R_{YB}	249, 153, 170
Decimal	16357802
CIE _{Lab}	73.43, 37.92, 6.52
CIE _{LCh}	73, 38.475, 9.750
Yxy	45.8245, 0.3916, 0.3109
Android (android.graphics.Color)	4294547882 (0xFFFF999AA)
YUV	183.6420, -6.7255, 57.3190
Hunter-Lab	67.6938, 33.7201, 8.9939

Details

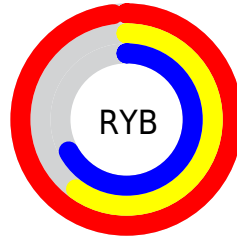
The XYZ color **57.7139, 45.8245, 43.8334** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.5802, 80.3510, 88.6119**, and the grayscale version is **45.3796, 47.7429, 51.9920**.

A 20% lighter version of the original color is **77.3865, 71.8080, 81.0158**, and **29.0624, 21.3695, 19.7325** is the 20% darker color. If you saturate the color by 10%, you get **52.2657, 37.7922, 33.1874**, and if you desaturate by 10%, it is **64.3171, 55.6827, 56.3561**.

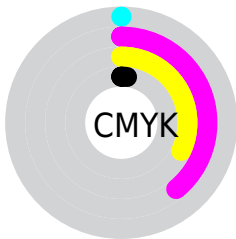
Distribution



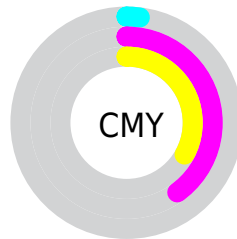
- Red (98%)
- Green (60%)
- Blue (67%)



- Red (98%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7139, 45.8245, 43.8334 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 57.7139, 45.8245, 43.8334 by changing the saturation by 10% instead.


 57.7139, 45.8245,
43.8334

 57.7139, 45.8245,
43.8334


406.0901,
370.1026, 378.0494

 41.8211, 32.1074,
30.2033


 100.6315, 83.9563,
82.2668

 29.1517, 21.4435,
19.7396


 128.3869,
109.1397, 107.9072

 19.3405, 13.4486,
12.0237


160.8273,
138.9140, 138.3881

 12.0220, 7.7382,
6.6371

198.3179,
173.6636, 174.1281

 6.8310, 3.9279,
3.1612

241.2241,
213.7729, 215.5457

 3.4020, 1.6333,
1.1775

289.9113,

 1.3697, 0.3799,

259.6262, 263.0594

0.0000

344.7449,
311.6080, 317.0878

■ 0.2345, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7139, 45.8245,
43.8334

■ 57.7139, 45.8245,
43.8334

■ 52.2657, 37.7922,
33.1874

■ 64.3171, 55.6827,
56.3561

■ 47.9015, 31.4669,
24.3240

■ 72.1333, 67.4628,
70.8377

■ 44.5481, 26.7262,
17.1452

■ 81.2210, 81.2618,
87.3589

■ 42.1216, 23.4284,
11.5420

■ 91.6339, 97.1685,
105.9948

■ 40.5239, 21.4063,
7.3919

■ 92.8770, 98.8798,
108.7983

■ 39.6203, 20.4237,
4.5486

■ 39.5232, 20.3223,
4.2305

Harmonies

Analogous

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



56.9719, 45.8245, 63.9713



57.7139, 45.8245, 43.8334



54.3709, 45.8245, 29.6199

Triad

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



57.7139, 45.8245, 43.8334



35.7364, 45.8245, 26.3354



39.1950, 45.8245, 93.7803

Complementary

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



57.7139, 45.8245, 43.8334



61.5802, 80.3510, 88.6119

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.



34.2776, 45.8245, 77.7917



57.7139, 45.8245, 43.8334



32.4292, 45.8245, 38.0518

Square

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



57.7139, 45.8245, 43.8334



41.3834, 45.8245, 21.3948



31.9244, 45.8245, 56.4913



45.8009, 45.8245, 96.5005

Rectangle

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



57.7139, 45.8245, 43.8334



50.4608, 45.8245, 24.0855



31.9244, 45.8245, 56.4913



37.3096, 45.8245, 89.6138

Sweetspot

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



57.7151, 45.8267, 43.8343



82.2606, 80.4895, 85.9289



61.5760, 46.6800, 95.3875



17.3353, 16.8150, 17.8987



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.



57.7151, 45.8267, 43.8343



56.4973, 41.8357, 37.6561



61.8344, 56.4740, 37.7814



17.3700, 17.2754, 18.5384



21.1922, 10.8926, 2.4544



1.9963, 1.0222, 0.4037

Inverse Universe

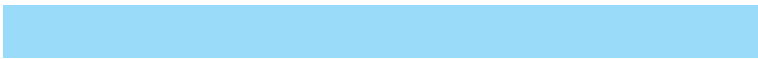
The Inverse Universe completely reimagines the original color for something new.



57.7151, 45.8267, 43.8343



56.4973, 41.8357, 37.6561



55.4649, 64.0683, 99.0659



17.3700, 17.2754, 18.5384



21.1922, 10.8926, 2.4544



1.9963, 1.0222, 0.4037

Previews

White Background



This preview shows how the XYZ color 57.7139, 45.8245, 43.8334 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 57.7139, 45.8245, 43.8334 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 57.7139, 45.8245, 43.8334

Background



This preview shows how black text looks on a background with the XYZ color 57.7139, 45.8245, 43.8334.



This preview shows how white text looks on a background with the XYZ color 57.7139, 45.8245,

43.8334.

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

57.7139, 45.8245, 43.8334

Protanopia

44.6067, 46.2126, 52.4678

Deuteranopia

46.9208, 45.8626, 42.4558



Tritanopia

57.4141, 45.9676, 41.4439

Trichromacy



Original Color

57.7139, 45.8245, 43.8334



Protanomaly

48.3451, 45.3101, 49.3777



Deuteranomaly

50.1265, 45.2781, 42.6568



Tritanomaly

57.5976, 46.0410, 42.4103

Monochromacy



Original Color

57.7139, 45.8245, 43.8334



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.0927, 46.5517, 49.0457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7139, 45.8245, 43.8334 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(249, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(249, 153, 170)  
}
```

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(249, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 153, 170) }
```

Border

The CSS property to change the border of an element to XYZ 57.7139, 45.8245, 43.8334 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(249, 153, 170) }
```


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

```
.border{ border-color:rgb(249, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(249, 153,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7139, 45.8245, 43.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 153, 170) }
```

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

```
.background{ background-color: rgb(249,  
153, 170) }
```

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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