

Converting Colors

XYZ(58.0221, 45.4423, 40.0056)

Have a look what the booklet for
XYZ(58.0221, 45.4423, 40.0056)
contains.

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Color

**XYZ(57.9359, 45.3040,
39.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	FD96A2
RGB	253, 150, 162
RGB Percent	99%, 59%, 64%
CMY	0.0078, 0.4117, 0.3647
CMYK	0.00, 0.41, 0.36, 0.01
HSL	353°, 96%, 79%
HSV	353°, 41%, 99%
XYZ	57.9359, 45.3040, 39.8734
YIQ	182.1650, 57.5360, 25.5680

Conversions

Conversions Part 2

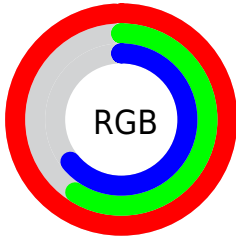
Format	Color
R _Y B	253, 150, 162
Decimal	16619170
CIE Lab	73.09, 39.93, 10.52
CIE LCh	73, 41.289, 14.758
Yxy	45.3040, 0.4048, 0.3166
Android (android.graphics.Color)	4294809250 (0xFFFD96A2)
YUV	182.1650, -9.9413, 62.1223
Hunter-Lab	67.3082, 35.8553, 11.9924

Details

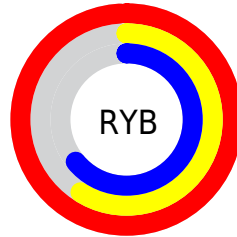
The XYZ color **57.9359, 45.3040, 39.8734** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.5823, 83.0864, 95.9098**, and the grayscale version is **44.5850, 46.9069, 51.0816**.

A 20% lighter version of the original color is **75.5957, 69.9324, 75.1596**, and **29.3921, 21.1664, 17.5753** is the 20% darker color. If you saturate the color by 10%, you get **52.5122, 37.3589, 29.1181**, and if you desaturate by 10%, it is **64.5867, 55.1378, 52.7812**.

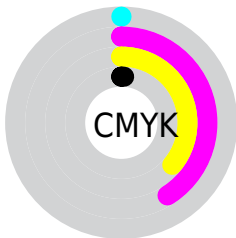
Distribution



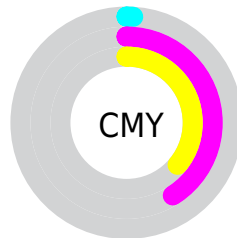
- Red (99%)
- Green (59%)
- Blue (64%)



- Red (99%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (41%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9359, 45.3040, 39.8734 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 57.9359, 45.3040, 39.8734 by changing the saturation by 10% instead.


 57.9359, 45.3040,
39.8734


 57.9359, 45.3040,
39.8734

406.9048,
368.0034, 361.1259

 42.0002, 31.6969,
27.1268


 100.9530, 83.1764,
76.2057

 29.2925, 21.1301,
17.4352


 128.7651,
108.2105, 100.6284

 19.4476, 13.2192,
10.3800

161.2667,
137.8225, 129.7803

 12.1001, 7.5796,
5.5428

198.8232,
172.3967, 164.0799

 6.8846, 3.8272,
2.5049

241.7999,
212.3175, 203.9457

 3.4357, 1.5774,
0.8427

290.5621,

 1.3881, 0.3423,

257.9692, 249.7963

0.0000

345.4753,
309.7364, 302.0502

■ 0.2478, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9359, 45.3040,
39.8734

■ 57.9359, 45.3040,
39.8734

■ 52.5122, 37.3589,
29.1181

■ 64.5867, 55.1378,
52.7812

■ 48.2366, 31.1749,
20.3953

■ 72.5300, 66.9637,
67.9473

■ 45.0267, 26.6196,
13.5771

■ 81.8306, 80.8854,
85.4737

■ 42.7871, 23.5387,
8.5199

■ 92.5481, 96.9977,
105.4554

■ 41.4053, 21.7480,
5.0595

94.3179, 99.6226,
108.8657

■ 40.7355, 20.9736,
3.0940

Harmonies

Analogous

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



57.8989, 45.3040, 60.5420



57.9359, 45.3040, 39.8734



53.6947, 45.3040, 26.2868

Triad

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



57.9359, 45.3040, 39.8734



34.0022, 45.3040, 26.1310



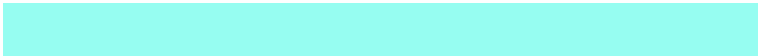
39.5110, 45.3040, 98.5202

Complementary

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



57.9359, 45.3040, 39.8734



63.5823, 83.0864, 95.9098

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.



33.9314, 45.3040, 82.9717



57.9359, 45.3040, 39.8734



31.0015, 45.3040, 39.5926

Square

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



57.9359, 45.3040, 39.8734



39.6180, 45.3040, 19.9949



30.9771, 45.3040, 60.1710



46.6960, 45.3040, 98.6581

Rectangle

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



57.9359, 45.3040, 39.8734



49.2587, 45.3040, 21.3876



30.9771, 45.3040, 60.1710



37.4046, 45.3040, 94.7644

Sweetspot

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



57.9371, 45.3062, 39.8743



82.0018, 80.3860, 84.5663



64.9072, 47.6047, 98.6960



17.2748, 16.7908, 17.5806



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.



57.9371, 45.3062, 39.8743



54.3094, 39.2706, 31.3446



64.3162, 59.6902, 36.9887



18.0954, 18.0215, 19.1195



21.6962, 11.1678, 1.7850



2.1388, 1.0979, 0.3124

Inverse Universe

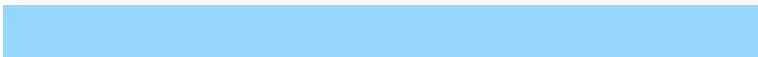
The Inverse Universe completely reimagines the original color for something new.



57.9371, 45.3062, 39.8743



54.3094, 39.2706, 31.3446



54.2337, 61.4267, 101.9265



18.0954, 18.0215, 19.1195



21.6962, 11.1678, 1.7850



2.1388, 1.0979, 0.3124

Previews

White Background



This preview shows how the XYZ color 57.9359, 45.3040, 39.8734 looks on a white background.

Color Contrast Check

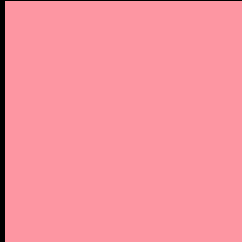
Large Text (above 18pt) WCAG AA × Fail

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 57.9359, 45.3040, 39.8734 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 57.9359, 45.3040, 39.8734

Background



This preview shows how black text looks on a background with the XYZ color 57.9359, 45.3040, 39.8734.



This preview shows how white text looks on a background with the XYZ color 57.9359, 45.3040,

39.8734.

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

57.9359, 45.3040, 39.8734

Protanopia

43.6844, 45.5218, 48.6037

Deuteranopia

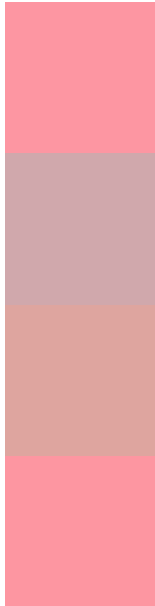
46.2920, 45.3349, 38.6584



Tritanopia

57.8474, 45.2685, 39.4070

Trichromacy



Original Color

57.9359, 45.3040, 39.8734

Protanomaly

47.4615, 44.3937, 45.0971

Deuteranomaly

49.8373, 44.9431, 38.8491

Tritanomaly

57.8474, 45.2685, 39.4070

Monochromacy



Original Color

57.9359, 45.3040, 39.8734

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

48.1250, 45.2545, 46.7560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9359, 45.3040, 39.8734 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(253, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(253, 150, 162)  
}
```

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(253, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 150, 162) }
```

Border

The CSS property to change the border of an element to XYZ 57.9359, 45.3040, 39.8734 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(253, 150, 162) }
```


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

```
.border{ border-color:rgb(253, 150, 162) }
```

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

Here you see how a box with a 4 pixel rgb(253, 150, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(253, 150,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9359, 45.3040, 39.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 150, 162) }
```

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

```
.background{ background-color: rgb(253,  
150, 162) }
```

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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