

Converting Colors

XYZ(58.3553, 45.0291, 39.8865)

Have a look what the booklet for
XYZ(58.3553, 45.0291, 39.8865)
contains.

XYZ(58.3515, 45.0484, 39.8022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.3515, 45.0484,
39.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94A2
RGB	255, 148, 162
RGB Percent	100%, 58%, 64%
CMY	0.0000, 0.4196, 0.3647
CMYK	0.00, 0.42, 0.36, 0.00
HSL	352°, 100%, 79%
HSV	352°, 42%, 100%
XYZ	58.3515, 45.0484, 39.8022
YIQ	181.5890, 59.2780, 27.0380

Conversions

Conversions Part 2

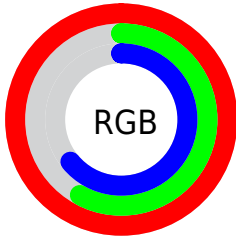
Format	Color
R _Y B	255, 148, 162
Decimal	16749730
CIE Lab	72.92, 41.66, 10.31
CIE LCh	73, 42.919, 13.905
Yxy	45.0484, 0.4075, 0.3146
Android (android.graphics.Color)	4294939810 (0xFFFF94A2)
YUV	181.5890, -9.6574, 64.3814
Hunter-Lab	67.1181, 37.7286, 11.8227

Details

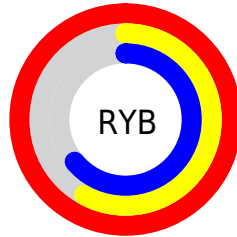
The XYZ color **58.3515, 45.0484, 39.8022** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8520, 84.1677, 96.1042**, and the grayscale version is **44.2694, 46.5748, 50.7200**.

A 20% lighter version of the original color is **75.3573, 69.4555, 75.0801**, and **29.4671, 20.9342, 17.5265** is the 20% darker color. If you saturate the color by 10%, you get **52.9835, 37.1925, 29.1341**, and if you desaturate by 10%, it is **64.9501, 54.8095, 52.5946**.

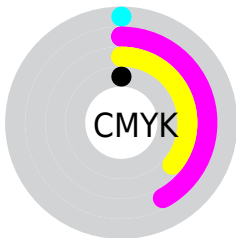
Distribution



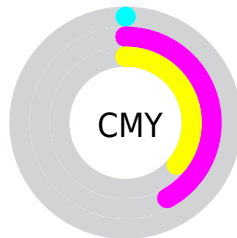
- Red (100%)
- Green (58%)
- Blue (64%)



- Red (100%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3515, 45.0484, 39.8022 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 58.3515, 45.0484, 39.8022 by changing the saturation by 10% instead.


 58.3515, 45.0484,
39.8022


 58.3515, 45.0484,
39.8022


408.4272,
366.9695, 360.8164

 42.3357, 31.4956,
27.0717


 101.5546, 82.7930,
76.0960

 29.5565, 20.9765,
17.3942


 129.4725,
107.7536, 100.4964

 19.6486, 13.1068,
10.3510

162.0885,
137.2856, 129.6239

 12.2466, 7.5021,
5.5237

199.7680,
171.7733, 163.8971

 6.9853, 3.7781,
2.4936

242.8762,
211.6011, 203.7343

 3.4991, 1.5502,
0.8368

291.7786,

 1.4229, 0.3237,

257.1535, 249.5543

0.0000

346.8405,
308.8149, 301.7755

■ 0.2724, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3515, 45.0484,
39.8022

■ 58.3515, 45.0484,
39.8022

■ 52.9835, 37.1925,
29.1341

■ 64.9501, 54.8095,
52.5946

■ 48.7659, 31.1109,
20.4722

■ 72.8458, 66.5823,
67.6155

■ 45.6143, 26.6667,
13.6908

■ 82.1045, 80.4731,
84.9652

■ 43.4312, 23.7001,
8.6485

■ 92.7867, 96.5790,
104.7372

■ 42.1007, 22.0190,
5.1837

95.0500, 100.0000,
108.9000

■ 41.5195, 21.3718,
3.4018

Harmonies

Analogous

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



58.1767, 45.0484, 61.3795



58.3515, 45.0484, 39.8022



54.0388, 45.0484, 25.6711

Triad

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



58.3515, 45.0484, 39.8022



33.5974, 45.0484, 24.9545



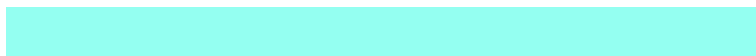
38.9521, 45.0484, 100.2273

Complementary

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



58.3515, 45.0484, 39.8022



63.8520, 84.1677, 96.1042

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.



33.2676, 45.0484, 83.5195



58.3515, 45.0484, 39.8022



30.4311, 45.0484, 38.4933

Square

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



58.3515, 45.0484, 39.8022



39.4529, 45.0484, 18.9457



30.3179, 45.0484, 59.6297



46.3674, 45.0484, 100.8852

Rectangle

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



58.3515, 45.0484, 39.8022



49.4606, 45.0484, 20.5773



30.3179, 45.0484, 59.6297



36.7969, 45.0484, 96.1232

Sweetspot

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



58.3527, 45.0506, 39.8031



81.0744, 78.9241, 83.0461



64.8259, 47.0560, 100.2738



16.8971, 16.2075, 16.9236



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.



58.3527, 45.0506, 39.8031



53.9417, 38.5872, 31.0614



64.4066, 59.0399, 36.0210



18.1061, 18.0257, 19.1757



21.7244, 11.1791, 1.9333



2.1438, 1.0999, 0.3388

Inverse Universe

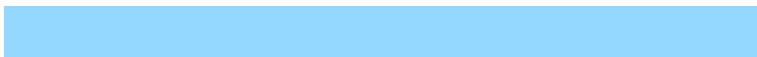
The Inverse Universe completely reimagines the original color for something new.



58.3527, 45.0506, 39.8031



53.9417, 38.5872, 31.0614



54.7607, 62.5101, 103.7872



18.1061, 18.0257, 19.1757



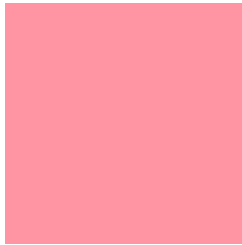
21.7244, 11.1791, 1.9333



2.1438, 1.0999, 0.3388

Previews

White Background



This preview shows how the XYZ color 58.3515, 45.0484, 39.8022 looks on a white background.

Color Contrast Check

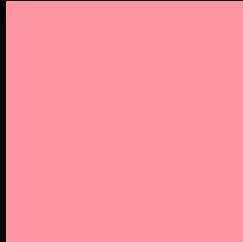
Large Text (above 18pt) WCAG AA × Fail

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 58.3515, 45.0484, 39.8022 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 58.3515, 45.0484, 39.8022

Background



This preview shows how black text looks on a background with the XYZ color 58.3515, 45.0484, 39.8022.



This preview shows how white text looks on a background with the XYZ color 58.3515, 45.0484,

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

58.3515, 45.0484, 39.8022

Protanopia

43.7852, 45.5622, 49.1345

Deuteranopia

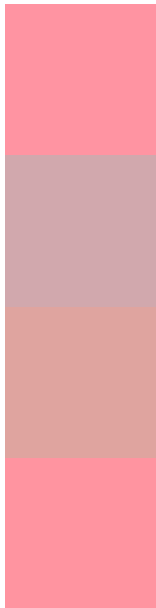
46.2920, 45.3349, 38.6584



Tritanopia

58.0879, 44.9430, 38.4142

Trichromacy



Original Color

58.3515, 45.0484, 39.8022

Protanomaly

47.8400, 44.5777, 45.6181

Deuteranomaly

49.9649, 44.7421, 38.8035

Tritanomaly

58.1751, 44.9779, 38.8731

Monochromacy



Original Color

58.3515, 45.0484, 39.8022

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

48.4071, 45.3999, 46.7692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3515, 45.0484, 39.8022 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, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 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(255, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 162) }
```

Border

The CSS property to change the border of an element to XYZ 58.3515, 45.0484, 39.8022 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, 148, 162) }
```


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

```
.border{ border-color:rgb(255, 148, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3515, 45.0484, 39.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 162) }
```

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

```
.background{ background-color: rgb(255,  
148, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor