

Converting Colors

XYZ(54.4561, 45.3123, 38.7988)

Have a look what the booklet for
XYZ(54.4561, 45.3123, 38.7988)
contains.

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Color

**XYZ(54.2502, 45.1424,
38.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	F09D9F
RGB	240, 157, 159
RGB Percent	94%, 62%, 62%
CMY	0.0588, 0.3843, 0.3765
CMYK	0.00, 0.35, 0.34, 0.06
HSL	359°, 73%, 78%
HSV	359°, 35%, 94%
XYZ	54.2502, 45.1424, 38.6549
YIQ	182.0450, 48.8260, 18.2180

Conversions

Conversions Part 2

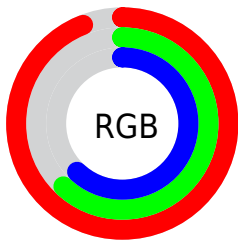
Format	Color
R _Y B	240, 157, 159
Decimal	15768991
CIE Lab	72.99, 31.20, 11.81
CIE LCh	73, 33.356, 20.732
Yxy	45.1424, 0.3930, 0.3270
Android (android.graphics.Color)	4293959071 (0xFFFF09D9F)
YUV	182.0450, -11.3612, 50.8265
Hunter-Lab	67.1881, 26.5485, 12.9207

Details

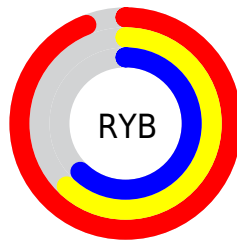
The XYZ color **54.2502, 45.1424, 38.6549** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.4994, 75.6624, 92.3087**, and the grayscale version is **44.5303, 46.8493, 51.0189**.

A 20% lighter version of the original color is **76.9211, 73.2020, 73.6935**, and **27.0498, 21.1309, 16.8404** is the 20% darker color. If you saturate the color by 10%, you get **48.7376, 37.0676, 27.7216**, and if you desaturate by 10%, it is **60.9478, 54.9705, 51.8842**.

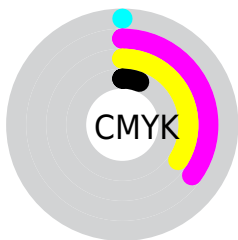
Distribution



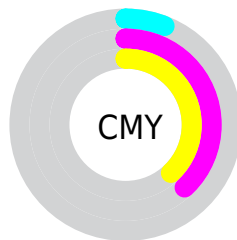
- Red (94%)
- Green (62%)
- Blue (62%)



- Red (94%)
- Yellow (62%)
- Blue (62%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2502, 45.1424, 38.6549 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 54.2502, 45.1424, 38.6549 by changing the saturation by 10% instead.


 54.2502, 45.1424,
38.6549


 54.2502, 45.1424,
38.6549


393.2462,
367.3500, 355.8031

 39.0332, 31.5696,
26.1856


 95.5963, 82.9341,
74.3253

 26.9664, 21.0330,
16.7355


 122.4560,
107.9217, 98.3636

 17.6844, 13.1481,
9.8862


153.9274,
137.4831, 127.0952

 10.8220, 7.5306,
5.2189

190.3758,
172.0026, 160.9388

 6.0137, 3.7961,
2.3153

232.1665,
211.8647, 200.3128

 2.8941, 1.5602,
0.7398

279.6649,

 1.0980, 0.3305,

257.4537, 245.6358

0.0000

333.2363,
309.1540, 297.3264

■ 0.0235, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2502, 45.1424,
38.6549

■ 54.2502, 45.1424,
38.6549

■ 48.7376, 37.0676,
27.7216

■ 60.9478, 54.9705,
51.8842

■ 44.3378, 30.6372,
18.9512

■ 68.8901, 66.6398,
67.5272

■ 40.9762, 25.7400,
12.2009

■ 78.1370, 80.2397,
85.6965

■ 38.5674, 22.2487,
7.3097

■ 88.7434, 95.8522,
106.4969

■ 37.0129, 20.0152,
4.0923

■ 89.7453, 97.2653,
108.6517

■ 36.1923, 18.8585,
2.3248

■ 35.9669, 18.5380,
1.8482

Harmonies

Analogous

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



54.9297, 45.1424, 54.4986



54.2502, 45.1424, 38.6549



50.3889, 45.1424, 28.2761

Triad

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



54.2502, 45.1424, 38.6549



34.8106, 45.1424, 31.5250



41.1287, 45.1424, 88.0672

Complementary

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



54.2502, 45.1424, 38.6549



60.4994, 75.6624, 92.3087

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.



36.2041, 45.1424, 78.3838



54.2502, 45.1424, 38.6549



32.7798, 45.1424, 44.1678

Square

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



54.2502, 45.1424, 38.6549



39.0647, 45.1424, 24.8529



33.2658, 45.1424, 61.3967



46.9923, 45.1424, 85.6449

Rectangle

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



54.2502, 45.1424, 38.6549



46.7074, 45.1424, 24.6756



33.2658, 45.1424, 61.3967



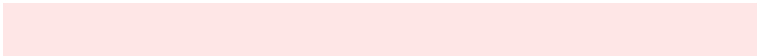
39.3176, 45.1424, 86.0510

Sweetspot

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



54.2514, 45.1446, 38.6558



83.6967, 83.2952, 86.6124



62.7894, 48.4521, 88.4811



17.5997, 17.3656, 17.9198



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.



54.2514, 45.1446, 38.6558



57.9650, 45.5153, 35.8512



61.7022, 60.3211, 40.2921



15.7882, 15.7650, 16.4409



19.6956, 10.1507, 1.0479



1.6439, 0.8466, 0.1155

Inverse Universe

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



54.2514, 45.1446, 38.6558



57.9650, 45.5153, 35.8512



50.5836, 55.3592, 90.4577



15.7882, 15.7650, 16.4409



19.6956, 10.1507, 1.0479



1.6439, 0.8466, 0.1155

Previews

White Background



This preview shows how the XYZ color 54.2502, 45.1424, 38.6549 looks on a white background.

Color Contrast Check

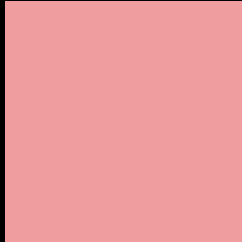
Large Text (above 18pt) WCAG AA × Fail

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 54.2502, 45.1424, 38.6549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

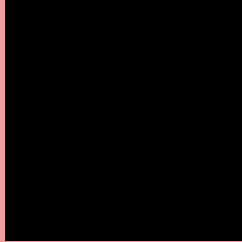
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2502, 45.1424, 38.6549

Background



This preview shows how black text looks on a background with the XYZ color 54.2502, 45.1424, 38.6549.



This preview shows how white text looks on a background with the XYZ color 54.2502, 45.1424,

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

54.2502, 45.1424, 38.6549

Protanopia

43.4784, 45.4948, 45.0179

Deuteranopia

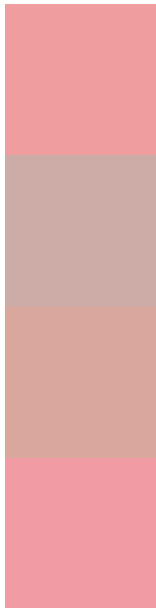
46.1212, 45.2666, 37.7590



Tritanopia

55.1391, 45.2677, 42.3906

Trichromacy



Original Color

54.2502, 45.1424, 38.6549

Protanomaly

46.7148, 44.8950, 42.7627

Deuteranomaly

48.8180, 44.9772, 38.0068

Tritanomaly

54.8649, 45.1580, 40.9466

Monochromacy



Original Color

54.2502, 45.1424, 38.6549

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.2122, 45.6396, 46.3654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2502, 45.1424, 38.6549 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(240, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(240, 157, 159)  
}
```

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(240, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 157, 159) }
```

Border

The CSS property to change the border of an element to XYZ 54.2502, 45.1424, 38.6549 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(240, 157, 159) }
```


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

```
.border{ border-color:rgb(240, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(240, 157,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2502, 45.1424, 38.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 157, 159) }
```

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

```
.background{ background-color: rgb(240,  
157, 159) }
```

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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