

Converting Colors

XYZ(55.1489, 45.7649, 39.5857)

Have a look what the booklet for
XYZ(55.1489, 45.7649, 39.5857)
contains.

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Color

**XYZ(55.2778, 45.9042,
39.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	F29EA1
RGB	242, 158, 161
RGB Percent	95%, 62%, 63%
CMY	0.0510, 0.3804, 0.3686
CMYK	0.00, 0.35, 0.33, 0.05
HSL	358°, 76%, 78%
HSV	358°, 35%, 95%
XYZ	55.2778, 45.9042, 39.6651
YIQ	183.4580, 49.1010, 18.7410

Conversions

Conversions Part 2

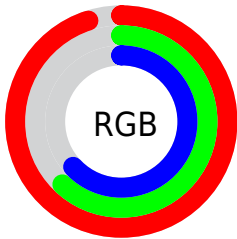
Format	Color
R _Y B	242, 158, 161
Decimal	15900321
CIE Lab	73.48, 31.65, 11.44
CIE LCh	73, 33.658, 19.875
Yxy	45.9042, 0.3925, 0.3259
Android (android.graphics.Color)	4294090401 (0xFFFF29EA1)
YUV	183.4580, -11.0718, 51.3413
Hunter-Lab	67.7526, 27.0669, 12.7161

Details

The XYZ color **55.2778, 45.9042, 39.6651** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4347, 77.0063, 93.2913**, and the grayscale version is **45.3025, 47.6617, 51.9036**.

A 20% lighter version of the original color is **77.4289, 73.8064, 75.1309**, and **27.7357, 21.6242, 17.4639** is the 20% darker color. If you saturate the color by 10%, you get **49.6795, 37.6992, 28.5756**, and if you desaturate by 10%, it is **62.0754, 55.8927, 53.0502**.

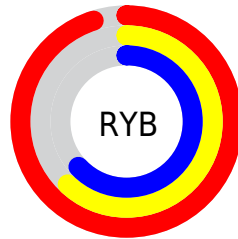
Distribution



Red (95%)

Green (62%)

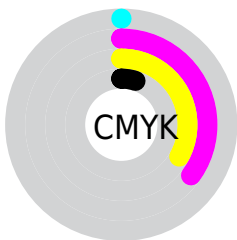
Blue (63%)



Red (95%)

Yellow (62%)

Blue (63%)

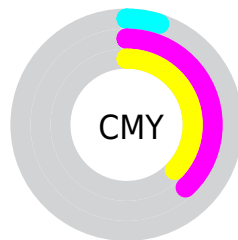


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (5%)



Cyan (5%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2778, 45.9042, 39.6651 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 55.2778, 45.9042, 39.6651 by changing the saturation by 10% instead.


 55.2778, 45.9042,
39.6651


 55.2778, 45.9042,
39.6651


397.0834,
370.4234, 360.2200

 39.8589, 32.1702,
26.9657

 97.0938, 84.0756,
75.8848

 27.6123, 21.4916,
17.3153

 124.2216,
109.2818, 100.2421

 18.1725, 13.4838,
10.2952

155.9831,
139.0809, 129.3226

 11.1744, 7.7625,
5.4870

192.7437,
173.8573, 163.5447

 6.2524, 3.9434,
2.4720

234.8686,
213.9953, 203.3269

 3.0413, 1.6419,
0.8253

282.7233,

 1.1756, 0.3856,

259.8794, 249.0879

0.0000

336.6731,
311.8940, 301.2461

■ 0.0870, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2778, 45.9042,
39.6651

■ 55.2778, 45.9042,
39.6651

■ 49.6795, 37.6992,
28.5756

■ 62.0754, 55.8927,
53.0502

■ 45.2074, 31.1667,
19.6503

■ 70.1325, 67.7539,
68.8468

■ 41.7864, 26.1936,
12.7486

■ 79.5094, 81.5793,
87.1665

■ 39.3305, 22.6499,
7.7123

■ 90.2617, 97.4520,
108.1128

■ 37.7403, 20.3850,
4.3596

■ 90.4279, 97.6172,
108.6837

■ 36.8946, 19.2142,
2.4725

■ 36.6652, 18.8961,
1.9626

Harmonies

Analogous

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



55.8683, 45.9042, 55.9555



55.2778, 45.9042, 39.6651



51.4132, 45.9042, 28.9095

Triad

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



55.2778, 45.9042, 39.6651



35.4666, 45.9042, 31.7257



41.6534, 45.9042, 89.5950

Complementary

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



55.2778, 45.9042, 39.6651



61.4347, 77.0063, 93.2913

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.



36.6759, 45.9042, 79.3992



55.2778, 45.9042, 39.6651



33.3247, 45.9042, 44.4492

Square

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



55.2778, 45.9042, 39.6651



39.8614, 45.9042, 25.0985



33.7463, 45.9042, 61.9483



47.6301, 45.9042, 87.4881

Rectangle

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



55.2778, 45.9042, 39.6651



47.6796, 45.9042, 25.1293



33.7463, 45.9042, 61.9483



39.8175, 45.9042, 87.4175

Sweetspot

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



55.2790, 45.9064, 39.6660



83.7383, 83.3119, 86.8318



63.4479, 49.0093, 90.1201



17.6096, 17.3696, 17.9723



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.



55.2790, 45.9064, 39.6660



57.4587, 44.6662, 35.1780



62.4857, 60.7374, 40.7808



15.7956, 15.7680, 16.4801



19.7073, 10.1554, 1.1095



1.6474, 0.8480, 0.1343

Inverse Universe

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



55.2790, 45.9064, 39.6660



57.4587, 44.6662, 35.1780



51.7700, 56.9628, 92.2707



15.7956, 15.7680, 16.4801



19.7073, 10.1554, 1.1095



1.6474, 0.8480, 0.1343

Previews

White Background



This preview shows how the XYZ color 55.2778, 45.9042, 39.6651 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 55.2778, 45.9042, 39.6651 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 55.2778, 45.9042, 39.6651

Background



This preview shows how black text looks on a background with the XYZ color 55.2778, 45.9042, 39.6651.



This preview shows how white text looks on a background with the XYZ color 55.2778, 45.9042,

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

55.2778, 45.9042, 39.6651

Protanopia

44.1138, 46.0987, 46.1081

Deuteranopia

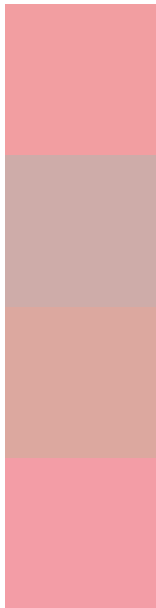
47.0397, 46.0061, 38.7486



Tritanopia

56.1806, 46.0332, 43.4604

Trichromacy



Original Color

55.2778, 45.9042, 39.6651

Protanomaly

47.3676, 45.4914, 43.8203

Deuteranomaly

49.7758, 45.7241, 39.0031

Tritanomaly

55.9021, 45.9218, 41.9938

Monochromacy



Original Color

55.2778, 45.9042, 39.6651

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.7758, 46.2046, 46.9578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2778, 45.9042, 39.6651 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(242, 158, 161)` looks like.

```
.text, #text, p{  
    color:rgb(242, 158, 161)  
}
```

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(242, 158, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 158, 161) }
```

Border

The CSS property to change the border of an element to XYZ 55.2778, 45.9042, 39.6651 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(242, 158, 161) }
```


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

```
.border{ border-color:rgb(242, 158, 161) }
```

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

Here you see how a box with a 4 pixel rgb(242, 158, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 158, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 158, 161);  
box-shadow:4px 4px 4px 4px rgb(242, 158,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2778, 45.9042, 39.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 158, 161) }
```

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

```
.background{ background-color: rgb(242,  
158, 161) }
```

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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