

Converting Colors

XYZ(55.2628, 45.1346, 46.1665)

Have a look what the booklet for
XYZ(55.2628, 45.1346, 46.1665)
contains.

XYZ(55.2229, 45.2228, 46.3757)	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(55.2229, 45.2228,
46.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	EF9CAF
RGB	239, 156, 175
RGB Percent	94%, 61%, 69%
CMY	0.0627, 0.3882, 0.3137
CMYK	0.00, 0.35, 0.27, 0.06
HSL	346°, 72%, 77%
HSV	346°, 35%, 94%
XYZ	55.2229, 45.2228, 46.3757
YIQ	182.9830, 43.3690, 23.5050

Conversions

Conversions Part 2

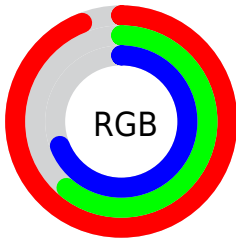
Format	Color
R_{YB}	239, 156, 175
Decimal	15703215
CIE _{Lab}	73.04, 33.43, 3.04
CIE _{LCh}	73, 33.570, 5.189
Yxy	45.2228, 0.3761, 0.3080
Android (android.graphics.Color)	4293893295 (0xFFEF9CAF)
YUV	182.9830, -3.9356, 49.1269
Hunter-Lab	67.2479, 28.8975, 6.1858

Details

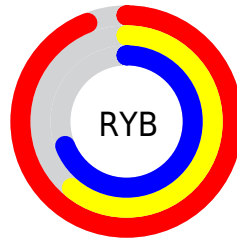
The XYZ color **55.2229, 45.2228, 46.3757** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.4971, 73.9693, 78.9610**, and the grayscale version is **45.0058, 47.3496, 51.5637**.

A 20% lighter version of the original color is **78.8172, 73.5617, 84.9076**, and **27.5815, 21.1544, 21.3684** is the 20% darker color. If you saturate the color by 10%, you get **49.9116, 37.3018, 36.2759**, and if you desaturate by 10%, it is **61.5728, 54.8249, 58.0416**.

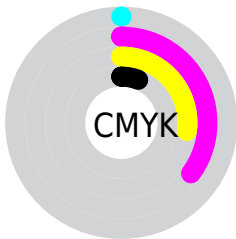
Distribution



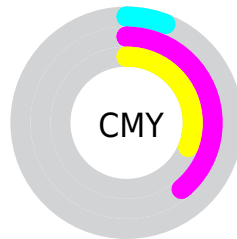
- Red (94%)
- Green (61%)
- Blue (69%)



- Red (94%)
- Yellow (61%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2229, 45.2228, 46.3757 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 55.2229, 45.2228, 46.3757 by changing the saturation by 10% instead.

 55.2229, 45.2228,
46.3757


 55.2229, 45.2228,
46.3757


396.8790,
367.6752, 388.6384

 39.8148, 31.6330,
32.1916


 97.0139, 83.0546,
86.1212

 27.5777, 21.0813,
21.2419


 124.1274,
108.0654, 112.5196

 18.1464, 13.1834,
13.1079


155.8735,
137.6520, 143.8266

 11.1555, 7.5550,
7.3713

192.6174,
172.1987, 180.4607

 6.2396, 3.8115,
3.6134

234.7246,
212.0900, 222.8403

 3.0333, 1.5687,
1.4158

282.5603,

 1.1714, 0.3364,

257.7102, 271.3842

0.1540

336.4900,
309.4438, 326.5107

■ 0.0836, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2229, 45.2228,
46.3757

■ 55.2229, 45.2228,
46.3757

■ 49.9116, 37.3018,
36.2759

■ 61.5728, 54.8249,
58.0416

■ 45.5787, 30.9585,
27.6716

■ 69.0097, 66.1909,
71.3344

■ 42.1635, 26.0881,
20.4907

■ 77.5832, 79.4056,
86.3152

■ 39.5966, 22.5703,
14.6537

■ 87.3390, 94.5467,
103.0407

■ 37.7986, 20.2656,
10.0729

■ 89.4067, 97.0908,
108.6359

■ 36.6731, 19.0036,
6.6487

■ 36.2791, 18.6237,
5.2594

Harmonies

Analogous

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



54.0555, 45.2228, 64.0769



55.2229, 45.2228, 46.3757



52.8756, 45.2228, 32.8718

Triad

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



55.2229, 45.2228, 46.3757



36.8051, 45.2228, 27.2772



38.4215, 45.2228, 84.7665

Complementary

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



55.2229, 45.2228, 46.3757



57.4971, 73.9693, 78.9610

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.



34.4082, 45.2228, 70.2999



55.2229, 45.2228, 46.3757



33.5361, 45.2228, 36.8907

Square

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



55.2229, 45.2228, 46.3757



41.9708, 45.2228, 23.5669



32.7000, 45.2228, 52.2198



44.0112, 45.2228, 88.9253

Rectangle

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



55.2229, 45.2228, 46.3757



49.7488, 45.2228, 27.1947



32.7000, 45.2228, 52.2198



36.8601, 45.2228, 80.8089

Sweetspot

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



55.2241, 45.2250, 46.3766



84.4419, 83.5933, 90.5367



56.8744, 45.1698, 87.3826



17.7784, 17.4371, 18.8608



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.



55.2241, 45.2250, 46.3766



59.3003, 45.4029, 44.8756



57.5458, 52.6470, 38.5841



15.9210, 15.8181, 17.1401



20.0898, 10.3083, 3.1233



1.7081, 0.8723, 0.4537

Inverse Universe

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



55.2241, 45.2250, 46.3766



59.3003, 45.4029, 44.8756



54.0705, 62.8585, 90.9446



15.9210, 15.8181, 17.1401



20.0898, 10.3083, 3.1233



1.7081, 0.8723, 0.4537

Previews

White Background



This preview shows how the XYZ color 55.2229, 45.2228, 46.3757 looks on a white background.

Color Contrast Check

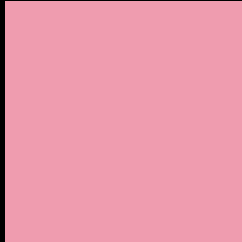
Large Text (above 18pt) WCAG AA × Fail

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 55.2229, 45.2228, 46.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

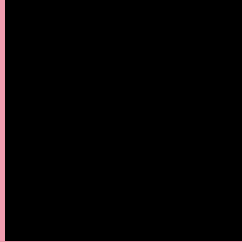
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2229, 45.2228, 46.3757

Background



This preview shows how black text looks on a background with the XYZ color 55.2229, 45.2228, 46.3757.



This preview shows how white text looks on a background with the XYZ color 55.2229, 45.2228,

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

55.2229, 45.2228, 46.3757

Protanopia

44.0196, 45.5743, 54.0536

Deuteranopia

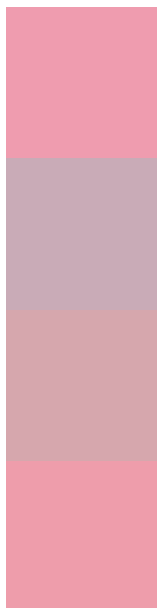
46.4019, 45.5300, 45.3723



Tritanopia

54.4783, 45.1557, 43.3807

Trichromacy



Original Color

55.2229, 45.2228, 46.3757

Protanomaly

47.1975, 44.9622, 50.9907

Deuteranomaly

49.0931, 44.9507, 45.6240

Tritanomaly

54.6676, 45.2314, 44.3773

Monochromacy



Original Color

55.2229, 45.2228, 46.3757

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.8104, 45.8789, 49.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2229, 45.2228, 46.3757 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(239, 156, 175)` looks like.

```
.text, #text, p{  
    color:rgb(239, 156, 175)  
}
```

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(239, 156, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 156, 175) }
```

Border

The CSS property to change the border of an element to XYZ 55.2229, 45.2228, 46.3757 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(239, 156, 175) }
```


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

```
.border{ border-color:rgb(239, 156, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 156, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 156, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 156, 175);  
box-shadow:4px 4px 4px 4px rgb(239, 156,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2229, 45.2228, 46.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 156, 175) }
```

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

```
.background{ background-color: rgb(239,  
156, 175) }
```

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