

Converting Colors

XYZ(55.3363, 45.8153, 47.0236)

Have a look what the booklet for
XYZ(55.3363, 45.8153, 47.0236)
contains.

XYZ(55.3232, 45.7655, 46.9921)	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(55.3232, 45.7655,
46.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9EB0
RGB	238, 158, 176
RGB Percent	93%, 62%, 69%
CMY	0.0667, 0.3804, 0.3098
CMYK	0.00, 0.34, 0.26, 0.07
HSL	347°, 70%, 78%
HSV	347°, 34%, 93%
XYZ	55.3232, 45.7655, 46.9921
YIQ	183.9720, 41.9020, 22.5580

Conversions

Conversions Part 2

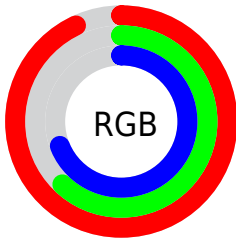
Format	Color
R _Y B	238, 158, 176
Decimal	15638192
CIE Lab	73.39, 32.16, 2.98
CIE LCh	73, 32.294, 5.302
Yxy	45.7655, 0.3736, 0.3091
Android (android.graphics.Color)	4293828272 (0xFFEE9EB0)
YUV	183.9720, -3.9302, 47.3826
Hunter-Lab	67.6502, 27.5864, 6.1703

Details

The XYZ color **55.3232, 45.7655, 46.9921** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.5953, 73.5865, 78.8818**, and the grayscale version is **45.5505, 47.9227, 52.1878**.

A 20% lighter version of the original color is **79.5997, 74.6747, 86.5622**, and **27.6145, 21.4666, 21.7568** is the 20% darker color. If you saturate the color by 10%, you get **49.9469, 37.7378, 36.7989**, and if you desaturate by 10%, it is **61.7362, 55.4690, 58.7554**.

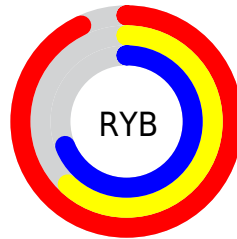
Distribution



Red (93%)

Green (62%)

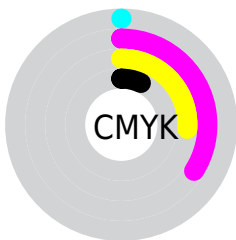
Blue (69%)



Red (93%)

Yellow (62%)

Blue (69%)

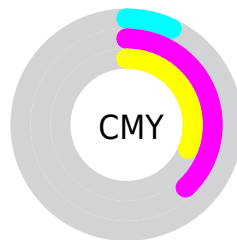


Cyan (0%)

Magenta (34%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3232, 45.7655, 46.9921 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 55.3232, 45.7655, 46.9921 by changing the saturation by 10% instead.


 55.3232, 45.7655,
46.9921


 55.3232, 45.7655,
46.9921


397.2524,
369.8651, 391.1758

 39.8954, 32.0608,
32.6751

 97.1599, 83.8679,
87.0517

 27.6409, 21.4080,
21.6086

 124.2995,
109.0345, 113.6314

 18.1942, 13.4225,
13.3740

156.0738,
138.7904, 145.1357

 11.1900, 7.7201,
7.5529

192.8481,
173.5202, 181.9832

 6.2630, 3.9164,
3.7266

234.9877,
213.6081, 224.5924

 3.0478, 1.6269,
1.4766

282.8581,

 1.1791, 0.3756,

259.4387, 273.3819

0.2004

336.8245,
311.3962, 328.7702

■ 0.0898, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3232, 45.7655,
46.9921

■ 55.3232, 45.7655,
46.9921

■ 49.9469, 37.7378,
36.7989

■ 61.7362, 55.4690,
58.7554

■ 45.5480, 31.2842,
28.1056

■ 69.2333, 66.9291,
72.1495

■ 42.0669, 26.3022,
20.8406

■ 77.8636, 80.2297,
87.2350

■ 39.4358, 22.6744,
14.9249

■ 87.6721, 95.4468,
104.0686

■ 37.5769, 20.2651,
10.2715

■ 89.0699, 96.9172,
108.6201

■ 36.3973, 18.9101,
6.7821

■ 35.9150, 18.4392,
5.0997

Harmonies

Analogous

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



54.2112, 45.7655, 64.0980



55.3232, 45.7655, 46.9921



53.0492, 45.7655, 33.8329

Triad

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



55.3232, 45.7655, 46.9921



37.4795, 45.7655, 28.3897



39.0870, 45.7655, 84.0497

Complementary

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



55.3232, 45.7655, 46.9921



57.5953, 73.5865, 78.8818

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.



35.1694, 45.7655, 70.2123



55.3232, 45.7655, 46.9921



34.2995, 45.7655, 37.8553

Square

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



55.3232, 45.7655, 46.9921



42.4959, 45.7655, 24.6963



33.4919, 45.7655, 52.7817



44.5172, 45.7655, 87.9796

Rectangle

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



55.3232, 45.7655, 46.9921



50.0265, 45.7655, 28.2597



33.4919, 45.7655, 52.7817



37.5651, 45.7655, 80.2747

Sweetspot

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



55.3245, 45.7677, 46.9930



84.4274, 83.5876, 90.4606



56.9749, 45.7410, 86.7150



17.7749, 17.4357, 18.8425



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.



55.3245, 45.7677, 46.9930



60.4623, 47.1749, 46.9648



57.6200, 53.0219, 39.5479



15.9184, 15.8171, 17.1265



20.0770, 10.3032, 3.0560



1.7067, 0.8717, 0.4463

Inverse Universe

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



55.3245, 45.7677, 46.9930



60.4623, 47.1749, 46.9648



54.2619, 62.8977, 90.1696



15.9184, 15.8171, 17.1265



20.0770, 10.3032, 3.0560



1.7067, 0.8717, 0.4463

Previews

White Background



This preview shows how the XYZ color 55.3232, 45.7655, 46.9921 looks on a white background.

Color Contrast Check

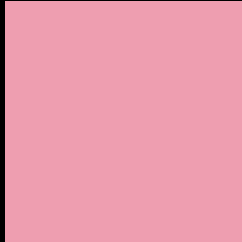
Large Text (above 18pt) WCAG AA × Fail

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 55.3232, 45.7655, 46.9921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

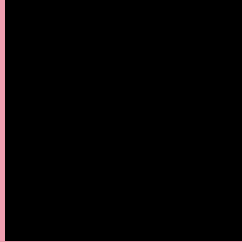
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3232, 45.7655, 46.9921

Background



This preview shows how black text looks on a background with the XYZ color 55.3232, 45.7655, 46.9921.



This preview shows how white text looks on a background with the XYZ color 55.3232, 45.7655,

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

55.3232, 45.7655, 46.9921

Protanopia

44.6898, 46.2184, 54.1426

Deuteranopia

46.9602, 46.0946, 45.9572



Tritanopia

54.6739, 45.7411, 44.4754

Trichromacy



Original Color

55.3232, 45.7655, 46.9921

Protanomaly

47.7614, 45.5223, 51.6168

Deuteranomaly

49.5595, 45.7281, 46.2587

Tritanomaly

54.8660, 45.8179, 45.4872

Monochromacy



Original Color

55.3232, 45.7655, 46.9921

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.5723, 46.8335, 50.1958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3232, 45.7655, 46.9921 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(238, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(238, 158, 176)  
}
```

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(238, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 158, 176) }
```

Border

The CSS property to change the border of an element to XYZ 55.3232, 45.7655, 46.9921 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(238, 158, 176) }
```


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

```
.border{ border-color:rgb(238, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(238, 158,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3232, 45.7655, 46.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 158, 176) }
```

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

```
.background{ background-color: rgb(238,  
158, 176) }
```

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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