

Converting Colors

XYZ(55.3113, 45.0858, 44.3692)

Have a look what the booklet for
XYZ(55.3113, 45.0858, 44.3692)
contains.

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Color

**XYZ(55.3477, 45.0837,
44.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	F19BAB
RGB	241, 155, 171
RGB Percent	95%, 61%, 67%
CMY	0.0549, 0.3921, 0.3294
CMYK	0.00, 0.36, 0.29, 0.05
HSL	349°, 75%, 78%
HSV	349°, 36%, 95%
XYZ	55.3477, 45.0837, 44.3130
YIQ	182.5380, 46.1200, 23.2080

Conversions

Conversions Part 2

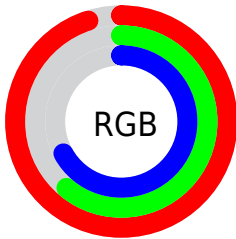
Format	Color
RYB	241, 155, 171
Decimal	15834027
CIELab	72.95, 34.14, 5.14
CIElCh	73, 34.526, 8.568
Yxy	45.0837, 0.3824, 0.3115
Android (android.graphics.Color)	4294024107 (0xFFFF19BAB)
YUV	182.5380, -5.6882, 51.2712
Hunter-Lab	67.1444, 29.6364, 7.8717

Details

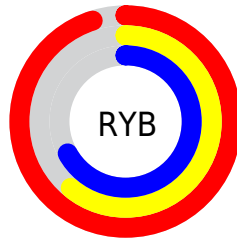
The XYZ color **55.3477, 45.0837, 44.3130** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5655, 75.3166, 82.6888**, and the grayscale version is **44.7704, 47.1019, 51.2940**.

A 20% lighter version of the original color is **78.0141, 72.8442, 81.9001**, and **27.6096, 20.9019, 20.0321** is the 20% darker color. If you saturate the color by 10%, you get **49.9966, 37.1551, 33.9784**, and if you desaturate by 10%, it is **61.7792, 54.7284, 56.3779**.

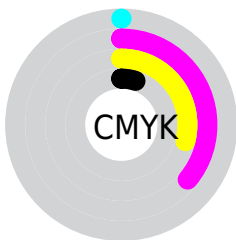
Distribution



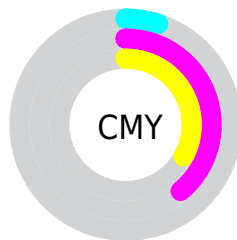
- Red (95%)
- Green (61%)
- Blue (67%)



- Red (95%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (5%)




- Cyan (5%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3477, 45.0837, 44.3130 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 55.3477, 45.0837, 44.3130 by changing the saturation by 10% instead.


 55.3477, 45.0837,
44.3130


 55.3477, 45.0837,
44.3130


397.3436,
367.1124, 380.0627

 39.9151, 31.5234,
30.5777


 97.1956, 82.8460,
82.9960

 27.6563, 20.9977,
20.0217

 124.3415,
107.8167, 108.7808

 18.2058, 13.1223,
12.2266


156.1227,
137.3597, 139.4191

 11.1985, 7.5128,
6.7738

192.9044,
171.8594, 175.3295

 6.2688, 3.7848,
3.2447

235.0520,
211.7001, 216.9305

 3.0514, 1.5539,
1.2209

282.9308,

 1.1810, 0.3262,

257.2663, 264.6407

0.0000

336.9062,
308.9422, 318.8785

■ 0.0913, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3477, 45.0837,
44.3130

■ 55.3477, 45.0837,
44.3130

■ 49.9966, 37.1551,
33.9784

■ 61.7792, 54.7284,
56.3779

■ 45.6622, 30.8354,
25.2912

■ 69.3427, 66.1751,
70.2453

■ 42.2795, 26.0156,
18.1659

■ 78.0910, 79.5116,
85.9864

■ 39.7747, 22.5705,
12.5077

■ 88.0724, 94.8182,
103.6678

■ 38.0621, 20.3539,
8.2110

■ 90.0858, 97.4409,
108.6677

■ 37.0382, 19.1866,
5.1553

■ 36.7461, 18.8890,
4.1744

Harmonies

Analogous

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



54.5553, 45.0837, 62.2271



55.3477, 45.0837, 44.3130



52.5544, 45.0837, 31.1841

Triad

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



55.3477, 45.0837, 44.3130



36.0310, 45.0837, 27.4613



38.7583, 45.0837, 86.8696

Complementary

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



55.3477, 45.0837, 44.3130



58.5655, 75.3166, 82.6888

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.



34.4217, 45.0837, 72.7951



55.3477, 45.0837, 44.3130



32.9527, 45.0837, 37.9431

Square

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



55.3477, 45.0837, 44.3130



41.1491, 45.0837, 23.0610



32.3924, 45.0837, 54.1953



44.5986, 45.0837, 89.7130

Rectangle

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



55.3477, 45.0837, 44.3130



49.1757, 45.0837, 25.8856



32.3924, 45.0837, 54.1953



37.0927, 45.0837, 83.1600

Sweetspot

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



55.3489, 45.0859, 44.3139



83.2847, 82.0065, 87.9079



58.2786, 45.6112, 88.9517



17.5410, 17.1181, 18.3016



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.



55.3489, 45.0859, 44.3139



58.2785, 44.3618, 41.4450



58.6768, 54.0358, 38.3504



15.8929, 15.8069, 16.9922



19.9624, 10.2574, 2.4525



1.6937, 0.8665, 0.3777

Inverse Universe

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



55.3489, 45.0859, 44.3139



58.2785, 44.3618, 41.4450



53.7479, 62.0239, 92.3585



15.8929, 15.8069, 16.9922



19.9624, 10.2574, 2.4525



1.6937, 0.8665, 0.3777

Previews

White Background



This preview shows how the XYZ color 55.3477, 45.0837, 44.3130 looks on a white background.

Color Contrast Check

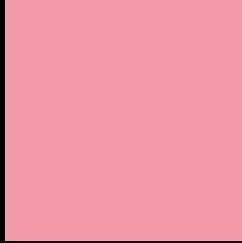
Large Text (above 18pt) WCAG AA × Fail

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 55.3477, 45.0837, 44.3130 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 55.3477, 45.0837, 44.3130

Background



This preview shows how black text looks on a background with the XYZ color 55.3477, 45.0837, 44.3130.



This preview shows how white text looks on a background with the XYZ color 55.3477, 45.0837,

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

55.3477, 45.0837, 44.3130

Protanopia

43.8279, 45.5246, 51.8246

Deuteranopia

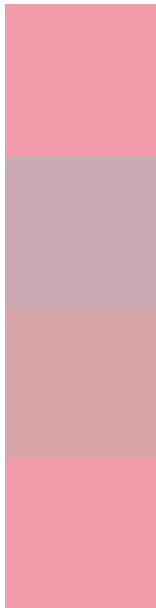
46.0988, 45.1318, 43.3274



Tritanopia

55.1391, 45.2677, 42.3906

Trichromacy



Original Color

55.3477, 45.0837, 44.3130

Protanomaly

47.1400, 44.7006, 48.7914

Deuteranomaly

49.1166, 44.7359, 43.5823

Tritanomaly

55.2320, 45.3049, 42.8795

Monochromacy



Original Color

55.3477, 45.0837, 44.3130

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.9821, 45.9792, 48.9938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3477, 45.0837, 44.3130 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(241, 155, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 155, 171)  
}
```

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(241, 155, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 155, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.3477, 45.0837, 44.3130 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(241, 155, 171) }
```


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

```
.border{ border-color:rgb(241, 155, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 155, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 155, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 155, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 155,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3477, 45.0837, 44.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 155, 171) }
```

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

```
.background{ background-color: rgb(241,  
155, 171) }
```

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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