

Converting Colors

XYZ(55.6093, 45.6198, 37.5215)

Have a look what the booklet for
XYZ(55.6093, 45.6198, 37.5215)
contains.

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Color

**XYZ(55.5454, 45.5897,
37.3246)**

Conversions

Conversions Part 1

Format	Color
Hex	F59C9C
RGB	245, 156, 156
RGB Percent	96%, 61%, 61%
CMY	0.0392, 0.3882, 0.3882
CMYK	0.00, 0.36, 0.36, 0.04
HSL	0°, 82%, 79%
HSV	0°, 36%, 96%
XYZ	55.5454, 45.5897, 37.3246
YIQ	182.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

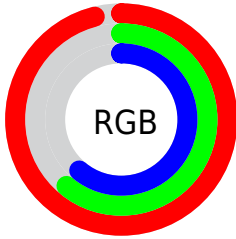
Format	Color
R _Y B	245, 156, 156
Decimal	16096412
CIE Lab	73.28, 33.21, 13.96
CIE LCh	73, 36.022, 22.795
Yxy	45.5897, 0.4012, 0.3293
Android (android.graphics.Color)	4294286492 (0xFFFF59C9C)
YUV	182.6110, -13.1192, 54.7152
Hunter-Lab	67.5201, 28.6826, 14.4891

Details

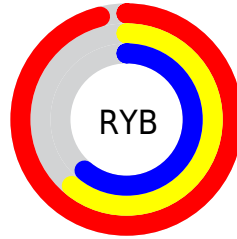
The XYZ color **55.5454, 45.5897, 37.3246** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8428, 78.9622, 98.3153**, and the grayscale version is **44.8470, 47.1826, 51.3818**.

A 20% lighter version of the original color is **76.1671, 72.5017, 70.9525**, and **27.7498, 21.3597, 16.0249** is the 20% darker color. If you saturate the color by 10%, you get **49.9717, 37.4342, 26.2430**, and if you desaturate by 10%, it is **62.3690, 55.5750, 50.8880**.

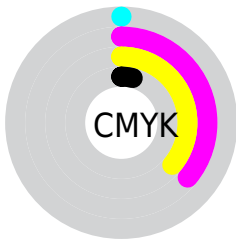
Distribution



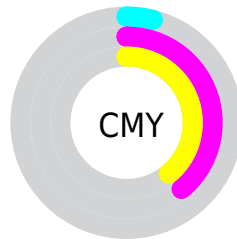
- Red (96%)
- Green (61%)
- Blue (61%)



- Red (96%)
- Yellow (61%)
- Blue (61%)



- Cyan (0%)
- Magenta (36%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5454, 45.5897, 37.3246 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 55.5454, 45.5897, 37.3246 by changing the saturation by 10% instead.


 55.5454, 45.5897,
37.3246


 55.5454, 45.5897,
37.3246


398.0789,
369.1566, 349.9247

 40.0741, 31.9222,
25.1612

 97.4833, 83.6046,
72.2636

 27.7808, 21.3021,
15.9771


 124.6806,
108.7208, 95.8763

 18.3001, 13.3450,
9.3537


156.5172,
138.4220, 124.1425

 11.2667, 7.6665,
4.8727

193.3587,
173.0925, 157.4807

 6.3151, 3.8823,
2.1153

235.5702,
213.1169, 196.3095

 3.0801, 1.6080,
0.6249

283.5172,

 1.1963, 0.3630,

258.8794, 241.0474

0.0000

337.5650,
310.7645, 292.1129

■ 0.1034, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5454, 45.5897,
37.3246

■ 55.5454, 45.5897,
37.3246

■ 49.9717, 37.4342,
26.2430

■ 62.3690, 55.5750,
50.8880

■ 45.5688, 30.9914,
17.4904

■ 70.5079, 67.4847,
67.0680

■ 42.2543, 26.1413,
10.9017

■ 80.0276, 81.4145,
85.9928

■ 39.9336, 22.7453,
6.2887

■ 90.9878, 97.4523,
107.7815

■ 38.4960, 20.6416,
3.4312

■ 91.4662, 98.1525,
108.7323

■ 37.8034, 19.6279,
2.0546

■ 37.6564, 19.4128,
1.7623

Harmonies

Analogous

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



56.5597, 45.5897, 54.1394



55.5454, 45.5897, 37.3246



51.1136, 45.5897, 26.7349

Triad

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



55.5454, 45.5897, 37.3246



34.3444, 45.5897, 31.4086



41.8234, 45.5897, 92.8615

Complementary

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



55.5454, 45.5897, 37.3246



62.8428, 78.9622, 98.3153

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.



36.3825, 45.5897, 82.8911



55.5454, 45.5897, 37.3246



32.3458, 45.5897, 45.3960

Square

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



55.5454, 45.5897, 37.3246



38.7860, 45.5897, 23.9449



33.0540, 45.5897, 64.4027



48.2192, 45.5897, 89.1960

Rectangle

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



55.5454, 45.5897, 37.3246



47.0314, 45.5897, 23.2369



33.0540, 45.5897, 64.4027



39.8312, 45.5897, 90.9254

Sweetspot

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



55.5466, 45.5919, 37.3255



82.5541, 81.7150, 84.0584



66.0263, 49.7824, 92.5152



17.3685, 17.0493, 17.3927



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.



55.5466, 45.5919, 37.3255



55.9763, 42.8241, 31.2228



64.4274, 63.3536, 40.2858



16.4993, 16.4827, 17.1094



20.2863, 10.4581, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

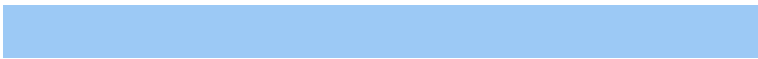
The Inverse Universe completely reimagines the original color for something new.



62.8428, 78.9622, 98.3153



65.1009, 84.5575, 107.4978



50.9624, 55.2014, 94.3552



16.9967, 18.7577, 21.2673



26.4671, 38.7279, 52.6183



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 55.5454, 45.5897, 37.3246 looks on a white background.

Color Contrast Check

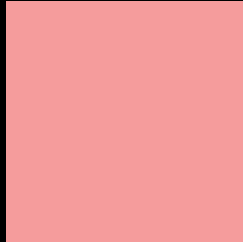
Large Text (above 18pt) WCAG AA × Fail

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 55.5454, 45.5897, 37.3246 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 55.5454, 45.5897, 37.3246

Background



This preview shows how black text looks on a background with the XYZ color 55.5454, 45.5897, 37.3246.



This preview shows how white text looks on a background with the XYZ color 55.5454, 45.5897,

37.3246.

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

55.5454, 45.5897, 37.3246

Protanopia

43.6388, 45.9088, 43.6071

Deuteranopia

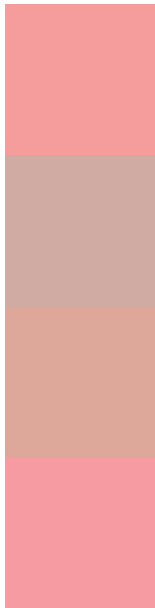
46.8982, 45.9819, 36.5406



Tritanopia

56.4446, 45.4572, 41.8756

Trichromacy



Original Color

55.5454, 45.5897, 37.3246

Protanomaly

46.9959, 45.0716, 41.3447

Deuteranomaly

49.4702, 45.3427, 36.7165

Tritanomaly

56.2490, 45.6442, 40.0280

Monochromacy



Original Color

55.5454, 45.5897, 37.3246

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.9400, 46.0261, 45.8924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5454, 45.5897, 37.3246 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(245, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(245, 156, 156)  
}
```

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(245, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 55.5454, 45.5897, 37.3246 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(245, 156, 156) }
```


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

```
.border{ border-color:rgb(245, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(245, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5454, 45.5897, 37.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 156, 156) }
```

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

```
.background{ background-color: rgb(245,  
156, 156) }
```

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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