

Converting Colors

XYZ(61.7432, 55.0860, 45.4688)

Have a look what the booklet for
XYZ(61.7432, 55.0860, 45.4688)
contains.

XYZ(61.9347, 55.3190, 45.4435)	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(61.9347, 55.3190,
45.4435)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B4AA
RGB	247, 180, 170
RGB Percent	97%, 71%, 67%
CMY	0.0314, 0.2941, 0.3333
CMYK	0.00, 0.27, 0.31, 0.03
HSL	8°, 83%, 82%
HSV	8°, 31%, 97%
XYZ	61.9347, 55.3190, 45.4435
YIQ	198.8930, 43.1420, 11.0940

Conversions

Conversions Part 2

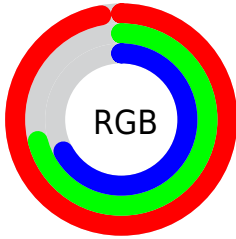
Format	Color
R _Y B	247, 181, 170
Decimal	16233642
CIE Lab	79.22, 23.03, 14.72
CIE LCh	79, 27.330, 32.583
Yxy	55.3190, 0.3807, 0.3400
Android (android.graphics.Color)	4294423722 (0xFFFF7B4AA)
YUV	198.8930, -14.2442, 42.1898
Hunter-Lab	74.3767, 18.4805, 15.8381

Details

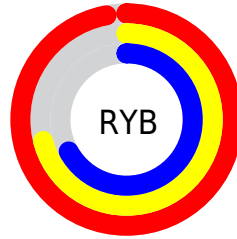
The XYZ color **61.9347, 55.3190, 45.4435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6490, 75.8270, 99.2771**, and the grayscale version is **54.2878, 57.1150, 62.1983**.

A 20% lighter version of the original color is **84.8261, 86.6871, 83.4956**, and **31.8457, 27.3056, 20.7316** is the 20% darker color. If you saturate the color by 10%, you get **55.8069, 46.4579, 32.9360**, and if you desaturate by 10%, it is **69.1770, 65.7062, 60.4894**.

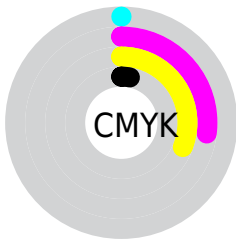
Distribution



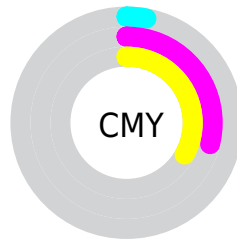
- Red (97%)
- Green (71%)
- Blue (67%)



- Red (97%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (3%)




- Cyan (3%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9347, 55.3190, 45.4435 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 61.9347, 55.3190, 45.4435 by changing the saturation by 10% instead.


 61.9347, 55.3190,
45.4435

 61.9347, 55.3190,
45.4435


421.4142,
407.1200, 384.7792

 45.2353, 39.6572,
31.4614


 106.7216, 98.0082,
84.7110

 31.8449, 27.2714,
20.6890


135.5399,
125.8043, 110.8335

 21.3980, 17.7771,
12.7079


169.1285,
158.4141, 141.8399

 13.5294, 10.7901,
7.0993

207.8528,
196.2217, 178.1488

 7.8736, 5.9259,
3.4449

252.0782,
239.6118, 220.1786

 4.0653, 2.8001,
1.3261

302.1700,

 1.7391, 1.0283,

288.9686, 268.3479

0.0830

358.4935,
344.6765, 323.0752

■ 0.4806, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9347, 55.3190,
45.4435

■ 61.9347, 55.3190,
45.4435

■ 55.8069, 46.4579,
32.9360

■ 69.1770, 65.7062,
60.4894

■ 50.7338, 39.0434,
22.8234

■ 77.5812, 77.6785,
78.1996

■ 46.6565, 33.0007,
14.9532

■ 87.1970, 91.3014,
98.6958

■ 43.5082, 28.2450,
9.1539

■ 92.1678, 98.5142,
108.7651

■ 41.2142, 24.6821,
5.2288

■ 39.6873, 22.2045,
2.9432

■ 38.8768, 20.8123,
1.9681

Harmonies

Analogous

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



63.7846, 55.3190, 58.8878



61.9347, 55.3190, 45.4435



57.5651, 55.3190, 37.2834

Triad

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



61.9347, 55.3190, 45.4435



43.7961, 55.3190, 47.4169



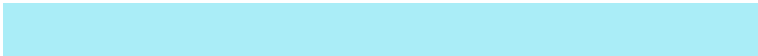
53.0537, 55.3190, 95.5555

Complementary

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



61.9347, 55.3190, 45.4435



63.6490, 75.8270, 99.2771

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.



47.8896, 55.3190, 91.0733



61.9347, 55.3190, 45.4435



42.7693, 55.3190, 61.5985

Square

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



61.9347, 55.3190, 45.4435



47.1235, 55.3190, 38.2765



44.2164, 55.3190, 77.9265



58.4402, 55.3190, 89.2995

Rectangle

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



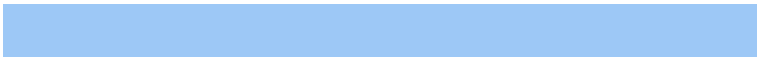
61.9347, 55.3190, 45.4435



53.9466, 55.3190, 35.0581



44.2164, 55.3190, 77.9265



51.2348, 55.3190, 95.2550

Sweetspot

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



61.9362, 55.3216, 45.4446



85.5301, 86.5241, 88.5741



68.1678, 54.6981, 87.8668



17.9992, 18.0829, 18.3050



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.



61.9362, 55.3216, 45.4446



62.5685, 53.6734, 40.6189



70.5514, 72.5520, 48.3163



16.6727, 16.8295, 17.1672



20.6167, 11.1190, 1.0596



1.8657, 1.0846, 0.1110

Inverse Universe

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



63.6490, 75.8270, 99.2771



64.6504, 78.7066, 106.3922



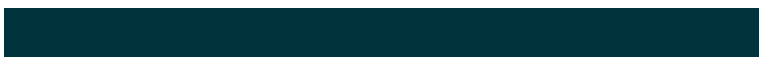
53.9090, 56.3470, 96.0304



16.8023, 18.3688, 21.2025



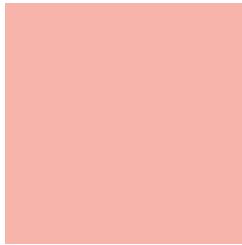
21.7925, 29.3788, 51.0601



1.9655, 2.6823, 4.5044

Previews

White Background



This preview shows how the XYZ color 61.9347, 55.3190, 45.4435 looks on a white background.

Color Contrast Check

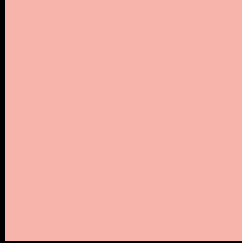
Large Text (above 18pt) WCAG AA × Fail

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 61.9347, 55.3190, 45.4435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

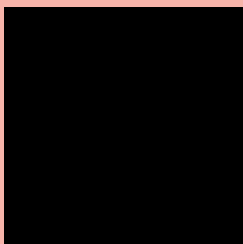
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9347, 55.3190, 45.4435

Background



This preview shows how black text looks on a background with the XYZ color 61.9347, 55.3190, 45.4435.



This preview shows how white text looks on a background with the XYZ color 61.9347, 55.3190,

45.4435.

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

61.9347, 55.3190, 45.4435

Protanopia

52.6776, 55.5316, 50.0617

Deuteranopia

56.6295, 55.3911, 44.7526



Tritanopia

64.0833, 55.3017, 56.0119

Trichromacy



Original Color

61.9347, 55.3190, 45.4435

Protanomaly

55.6665, 55.1377, 48.2661

Deuteranomaly

58.6520, 55.4748, 45.1525

Tritanomaly

63.1790, 55.2161, 52.1276

Monochromacy



Original Color

61.9347, 55.3190, 45.4435

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.2456, 55.9290, 55.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9347, 55.3190, 45.4435 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(247, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(247, 180, 170)  
}
```

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(247, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 180, 170) }
```

Border

The CSS property to change the border of an element to XYZ 61.9347, 55.3190, 45.4435 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(247, 180, 170) }
```


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

```
.border{ border-color:rgb(247, 180, 170) }
```

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

Here you see how a box with a 4 pixel rgb(247, 180, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(247, 180,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9347, 55.3190, 45.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 180, 170) }
```

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

```
.background{ background-color: rgb(247,  
180, 170) }
```

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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