

Converting Colors

XYZ(61.5952, 55.0454, 46.6364)

Have a look what the booklet for
XYZ(61.5952, 55.0454, 46.6364)
contains.

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Color

**XYZ(61.7737, 55.2139,
46.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B4AC
RGB	246, 180, 172
RGB Percent	96%, 71%, 67%
CMY	0.0353, 0.2941, 0.3255
CMYK	0.00, 0.27, 0.30, 0.04
HSL	6°, 80%, 82%
HSV	6°, 30%, 96%
XYZ	61.7737, 55.2139, 46.4312
YIQ	198.8220, 41.9040, 11.5040

Conversions

Conversions Part 2

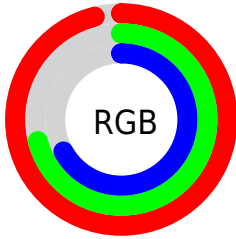
Format	Color
RYB	246, 181, 172
Decimal	16168108
CIELab	79.16, 22.91, 13.54
CIElCh	79, 26.613, 30.577
Yxy	55.2139, 0.3780, 0.3379
Android (android.graphics.Color)	4294358188 (0xFFFF6B4AC)
YUV	198.8220, -13.2232, 41.3751
Hunter-Lab	74.3061, 18.3588, 14.9660

Details

The XYZ color **61.7737, 55.2139, 46.4312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2213, 76.5710, 98.5839**, and the grayscale version is **54.2389, 57.0635, 62.1422**.

A 20% lighter version of the original color is **85.1006, 86.7970, 84.9413**, and **31.7186, 27.2262, 21.3527** is the 20% darker color. If you saturate the color by 10%, you get **55.5425, 46.1888, 33.7570**, and if you desaturate by 10%, it is **69.1462, 65.8211, 61.6445**.

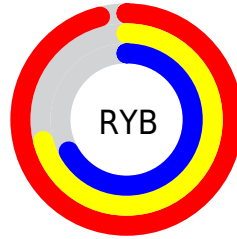
Distribution



Red (96%)

Green (71%)

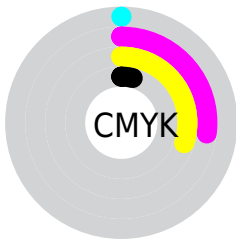
Blue (67%)



Red (96%)

Yellow (71%)

Blue (67%)

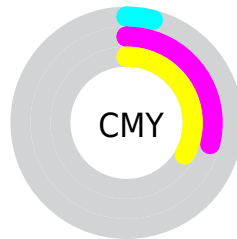


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (4%)



Cyan (4%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7737, 55.2139, 46.4312 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 61.7737, 55.2139, 46.4312 by changing the saturation by 10% instead.


 61.7737, 55.2139,
46.4312

 61.7737, 55.2139,
46.4312

420.8359,
406.7222, 388.8673

 45.1048, 39.5730,
32.2351


 106.4902, 97.8543,
86.2050

 31.7416, 27.2058,
21.2748


135.2684,
125.6226, 112.6198

 21.3188, 17.7278,
13.1318


168.8139,
158.2021, 143.9446

 13.4710, 10.7548,
7.3876

207.4918,
195.9772, 180.5980

 7.8329, 5.9022,
3.6236

251.6676,
239.3325, 222.9984

 4.0391, 2.7857,
1.4212

301.7067,

 1.7243, 1.0209,

288.6521, 271.5644

0.1582

357.9743,
344.3206, 326.7145

■ 0.4714, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7737, 55.2139,
46.4312

■ 61.7737, 55.2139,
46.4312

■ 55.5425, 46.1888,
33.7570

■ 69.1462, 65.8211,
61.6445

■ 50.3911, 38.6625,
23.4804

■ 77.7086, 78.0731,
79.5213

■ 46.2590, 32.5560,
15.4510

■ 87.5121, 92.0384,
100.1818

■ 43.0777, 27.7797,
9.4999

■ 91.8161, 98.3329,
108.7487

■ 40.7703, 24.2341,
5.4347

■ 39.2475, 21.8050,
3.0264

■ 38.3892, 20.3590,
1.9064

Harmonies

Analogous

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



63.3702, 55.2139, 59.8242



61.7737, 55.2139, 46.4312



57.6587, 55.2139, 38.0683

Triad

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



61.7737, 55.2139, 46.4312



44.0754, 55.2139, 46.8624



52.5822, 55.2139, 94.3719

Complementary

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



61.7737, 55.2139, 46.4312



64.2213, 76.5710, 98.5839

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.



47.6195, 55.2139, 89.3687



61.7737, 55.2139, 46.4312



42.9134, 55.2139, 60.4138

Square

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



61.7737, 55.2139, 46.4312



47.4526, 55.2139, 38.2861



44.1671, 55.2139, 76.2617



57.8487, 55.2139, 88.9852

Rectangle

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



61.7737, 55.2139, 46.4312



54.1693, 55.2139, 35.6309



44.1671, 55.2139, 76.2617



50.8246, 55.2139, 93.8418

Sweetspot

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



61.7752, 55.2165, 46.4323



85.3873, 86.2384, 88.5265



68.2799, 55.3068, 88.4287



17.9644, 18.0132, 18.2934



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.



61.7752, 55.2165, 46.4323



62.8374, 53.8488, 41.8263



70.1113, 71.8888, 49.2110



16.6434, 16.7709, 17.1575



20.5387, 10.9631, 1.0336



1.8518, 1.0569, 0.1064

Inverse Universe

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



64.2213, 76.5710, 98.5839



65.8687, 80.3745, 106.6499



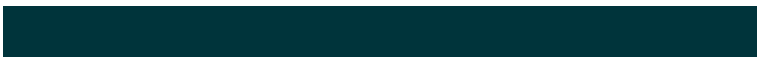
54.6751, 57.4786, 95.4018



16.8346, 18.4336, 21.2133



22.5175, 30.8287, 51.3018



2.0220, 2.7955, 4.5232

Previews

White Background



This preview shows how the XYZ color 61.7737, 55.2139, 46.4312 looks on a white background.

Color Contrast Check

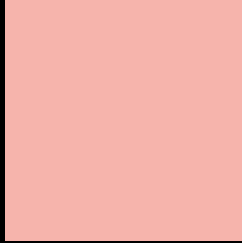
Large Text (above 18pt) WCAG AA × Fail

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 61.7737, 55.2139, 46.4312 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 61.7737, 55.2139, 46.4312

Background



This preview shows how black text looks on a background with the XYZ color 61.7737, 55.2139, 46.4312.



This preview shows how white text looks on a background with the XYZ color 61.7737, 55.2139,

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

61.7737, 55.2139, 46.4312

Protanopia

52.8800, 55.6125, 51.1272

Deuteranopia

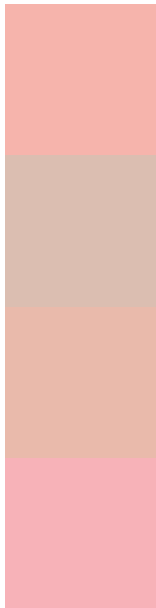
56.5046, 55.3050, 45.7270



Tritanopia

63.8375, 55.1623, 56.5730

Trichromacy



Original Color

61.7737, 55.2139, 46.4312

Protanomaly

55.5627, 55.0613, 49.2944

Deuteranomaly

58.5139, 55.3817, 46.1338

Tritanomaly

62.9299, 55.0756, 52.6613

Monochromacy



Original Color

61.7737, 55.2139, 46.4312

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.3538, 55.9723, 55.9777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7737, 55.2139, 46.4312 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(246, 180, 172)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 172)  
}
```

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(246, 180, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 172) }
```

Border

The CSS property to change the border of an element to XYZ 61.7737, 55.2139, 46.4312 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(246, 180, 172) }
```


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

```
.border{ border-color:rgb(246, 180, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 172);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7737, 55.2139, 46.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 172) }
```

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

```
.background{ background-color: rgb(246,  
180, 172) }
```

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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