

Converting Colors

XYZ(62.7655, 56.0815, 48.2219)

Have a look what the booklet for
XYZ(62.7655, 56.0815, 48.2219)
contains.

XYZ(62.6195, 55.9170, 48.0501)	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(62.6195, 55.9170,
48.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B5AF
RGB	247, 181, 175
RGB Percent	97%, 71%, 69%
CMY	0.0314, 0.2902, 0.3137
CMYK	0.00, 0.27, 0.29, 0.03
HSL	5°, 82%, 83%
HSV	5°, 29%, 97%
XYZ	62.6195, 55.9170, 48.0501
YIQ	200.0500, 41.2620, 12.1260

Conversions

Conversions Part 2

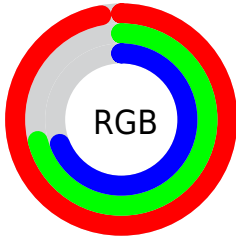
Format	Color
R _Y B	247, 182, 175
Decimal	16233903
CIE Lab	79.57, 23.15, 12.50
CIE LCh	80, 26.307, 28.375
Yxy	55.9170, 0.3759, 0.3357
Android (android.graphics.Color)	4294423983 (0xFFFF7B5AF)
YUV	200.0500, -12.3496, 41.1752
Hunter-Lab	74.7777, 18.6166, 14.2462

Details

The XYZ color **62.6195, 55.9170, 48.0501** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9221, 78.7375, 99.7194**, and the grayscale version is **54.9876, 57.8512, 63.0000**.

A 20% lighter version of the original color is **85.9480, 87.5979, 87.9794**, and **32.2806, 27.6872, 22.3817** is the 20% darker color. If you saturate the color by 10%, you get **56.1766, 46.5647, 35.0086**, and if you desaturate by 10%, it is **70.2572, 66.9481, 63.6801**.

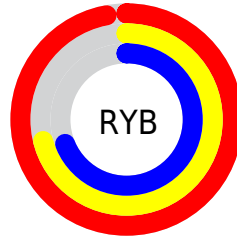
Distribution



Red (97%)

Green (71%)

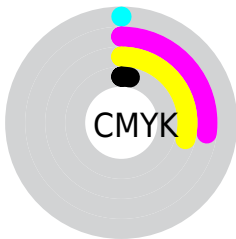
Blue (69%)



Red (97%)

Yellow (71%)

Blue (69%)

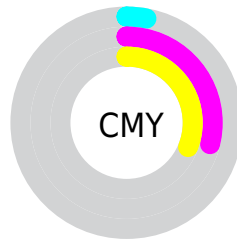


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (3%)



Cyan (3%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6195, 55.9170, 48.0501 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 62.6195, 55.9170, 48.0501 by changing the saturation by 10% instead.


 62.6195, 55.9170,
48.0501

 62.6195, 55.9170,
48.0501


423.8689,
409.3786, 395.5051

 45.7909, 40.1364,
33.5063


 107.7053, 98.8832,
88.6453

 32.2848, 27.6449,
22.2403


136.6932,
126.8376, 115.5338

 21.7357, 18.0581,
13.8336

170.4650,
159.6187, 147.3743

 13.7784, 10.9917,
7.8676

209.3860,
197.6109, 184.5853

 8.0473, 6.0613,
3.9238

253.8215,
241.1986, 227.5853

 4.1773, 2.8824,
1.5836

304.1369,

 1.8029, 1.0706,

290.7662, 276.7929

0.2791

360.6976,
346.6981, 332.6267

■ 0.5194, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6195, 55.9170,
48.0501

■ 62.6195, 55.9170,
48.0501

■ 56.1766, 46.5647,
35.0086

■ 70.2572, 66.9481,
63.6801

■ 50.8637, 38.8015,
24.4127

■ 79.1412, 79.7263,
82.0243

■ 46.6167, 32.5413,
16.1107

■ 89.3255, 94.3259,
103.2043

■ 43.3633, 27.6866,
9.9328

■ 92.1679, 98.5142,
108.7651

■ 41.0219, 24.1285,
5.6854

■ 39.4981, 21.7419,
3.1397

■ 38.6665, 20.3729,
1.9548

■ 38.6188, 20.2960,
1.8821

Harmonies

Analogous

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



63.9895, 55.9170, 61.7149



62.6195, 55.9170, 48.0501



58.6676, 55.9170, 39.2755

Triad

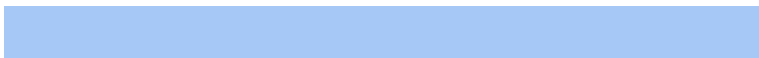
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6195, 55.9170, 48.0501



44.9399, 55.9170, 46.8371



52.8592, 55.9170, 94.9343

Complementary

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



62.6195, 55.9170, 48.0501



65.9221, 78.7375, 99.7194

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.



47.9849, 55.9170, 89.2444



62.6195, 55.9170, 48.0501



43.6049, 55.9170, 60.0608

Square

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



62.6195, 55.9170, 48.0501



48.4537, 55.9170, 38.6613



44.6822, 55.9170, 75.8212



58.1349, 55.9170, 90.3158

Rectangle

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



62.6195, 55.9170, 48.0501



55.2258, 55.9170, 36.5543



44.6822, 55.9170, 75.8212



51.1219, 55.9170, 94.1479

Sweetspot

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



62.6210, 55.9196, 48.0512



85.2252, 85.9142, 88.4724



69.5654, 56.7856, 90.5136



17.9248, 17.9341, 18.2802



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.



62.6210, 55.9196, 48.0512



63.0807, 53.9654, 43.0479



70.9089, 72.4955, 50.8139



16.6102, 16.7045, 17.1464



20.4645, 10.8146, 1.0088



1.8360, 1.0253, 0.1011

Inverse Universe

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



65.9221, 78.7375, 99.7194



67.1547, 82.1624, 106.9272



56.2996, 59.4926, 96.5119



16.8716, 18.5074, 21.2256



23.3711, 32.5359, 51.5863



2.0883, 2.9281, 4.5453

Previews

White Background



This preview shows how the XYZ color 62.6195, 55.9170, 48.0501 looks on a white background.

Color Contrast Check

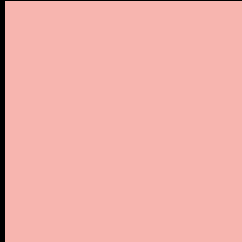
Large Text (above 18pt) WCAG AA × Fail

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 62.6195, 55.9170, 48.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

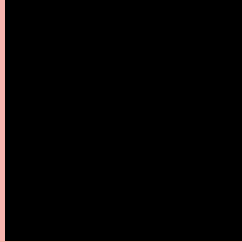
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6195, 55.9170, 48.0501

Background



This preview shows how black text looks on a background with the XYZ color 62.6195, 55.9170, 48.0501.



This preview shows how white text looks on a background with the XYZ color 62.6195, 55.9170,

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

62.6195, 55.9170, 48.0501

Protanopia

53.4153, 56.1888, 52.8300

Deuteranopia

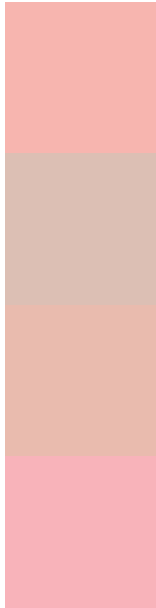
57.0076, 55.8516, 47.3110



Tritanopia

64.5017, 55.7863, 57.2374

Trichromacy



Original Color

62.6195, 55.9170, 48.0501

Protanomaly

56.3842, 55.7725, 50.9734

Deuteranomaly

59.0146, 55.9203, 47.7277

Tritanomaly

63.6944, 55.7418, 53.8566

Monochromacy



Original Color

62.6195, 55.9170, 48.0501

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.0892, 56.6532, 57.2165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6195, 55.9170, 48.0501 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, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 175)  
}
```

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, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 175) }
```

Border

The CSS property to change the border of an element to XYZ 62.6195, 55.9170, 48.0501 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, 181, 175) }
```


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

```
.border{ border-color:rgb(247, 181, 175) }
```

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

Here you see how a box with a 4 pixel rgb(247, 181, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6195, 55.9170, 48.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 175) }
```

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

```
.background{ background-color: rgb(247,  
181, 175) }
```

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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