

Converting Colors

XYZ(58.4100, 48.8917, 42.8534)

Have a look what the booklet for
XYZ(58.4100, 48.8917, 42.8534)
contains.

XYZ(58.6083, 49.1151, 42.9504)	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(58.6083, 49.1151,
42.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A4A7
RGB	247, 164, 167
RGB Percent	97%, 64%, 65%
CMY	0.0314, 0.3568, 0.3451
CMYK	0.00, 0.34, 0.32, 0.03
HSL	358°, 84%, 81%
HSV	358°, 34%, 97%
XYZ	58.6083, 49.1151, 42.9504
YIQ	189.1590, 48.5050, 18.5290

Conversions

Conversions Part 2

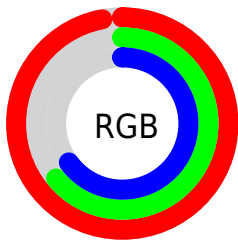
Format	Color
R _Y B	247, 164, 167
Decimal	16229543
CIE Lab	75.52, 31.08, 11.12
CIE LCh	76, 33.010, 19.686
Yxy	49.1151, 0.3890, 0.3260
Android (android.graphics.Color)	4294419623 (0xFFFF7A4A7)
YUV	189.1590, -10.9244, 50.7266
Hunter-Lab	70.0822, 26.6322, 12.7212

Details

The XYZ color **58.6083, 49.1151, 42.9504** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.9019, 80.9468, 97.7958**, and the grayscale version is **48.5031, 51.0290, 55.5706**.

A 20% lighter version of the original color is **80.0180, 77.7203, 79.8914**, and **29.7652, 23.4255, 19.1724** is the 20% darker color. If you saturate the color by 10%, you get **52.6074, 40.3173, 31.0724**, and if you desaturate by 10%, it is **65.8754, 59.7964, 57.2505**.

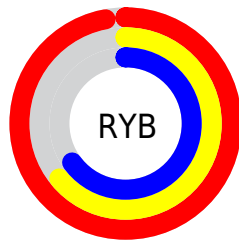
Distribution



Red (97%)

Green (64%)

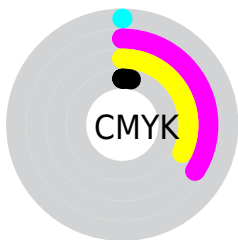
Blue (65%)



Red (97%)

Yellow (64%)

Blue (65%)

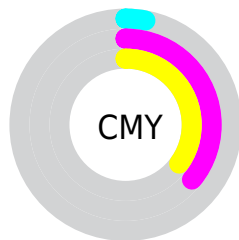


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (3%)



Cyan (3%)

Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6083, 49.1151, 42.9504 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 58.6083, 49.1151, 42.9504 by changing the saturation by 10% instead.


 58.6083, 49.1151,
42.9504


 58.6083, 49.1151,
42.9504


409.3662,
383.1953, 374.3230

 42.5430, 34.7108,
29.5151

 101.9260, 88.8624,
80.9216

 29.7197, 23.4402,
19.2219


 129.9092,
114.9741, 106.2945

 19.7729, 14.9189,
11.6523

162.5958,
145.7572, 136.4837

 12.3374, 8.7625,
6.3877

200.3510,
181.5959, 171.9077

 7.0477, 4.5866,
3.0097

243.5403,
222.8746, 212.9851

 3.5386, 2.0068,
1.0996

292.5291,

 1.4446, 0.6114,

269.9779, 260.1345

0.0000

347.6826,
323.2899, 313.7742

■ 0.2876, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6083, 49.1151,
42.9504

■ 58.6083, 49.1151,
42.9504

■ 52.6074, 40.3173,
31.0724

■ 65.8754, 59.7964,
57.2505

■ 47.7967, 33.2872,
21.4798

■ 74.4712, 72.4541,
74.0934

■ 44.0979, 27.9075,
14.0265

■ 84.4589, 87.1835,
93.5951

■ 41.4221, 24.0434,
8.5487

■ 92.1678, 98.5142,
108.7651

■ 39.6664, 21.5392,
4.8586

■ 38.7067, 20.2056,
2.7323

■ 38.4067, 19.7937,
2.0523

Harmonies

Analogous

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



59.1869, 49.1151, 59.7149



58.6083, 49.1151, 42.9504



54.6820, 49.1151, 31.7521

Triad

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



58.6083, 49.1151, 42.9504



38.3049, 49.1151, 34.5707



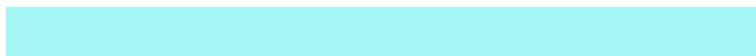
44.6155, 49.1151, 93.7589

Complementary

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



58.6083, 49.1151, 42.9504



64.9019, 80.9468, 97.7958

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.



39.5038, 49.1151, 83.3678



58.6083, 49.1151, 42.9504



36.0762, 49.1151, 47.6913

Square

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



58.6083, 49.1151, 42.9504



42.8451, 49.1151, 27.6936



36.4952, 49.1151, 65.5990



50.7423, 49.1151, 91.7105

Rectangle

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



58.6083, 49.1151, 42.9504



50.8701, 49.1151, 27.7748



36.4952, 49.1151, 65.5990



42.7311, 49.1151, 91.5303

Sweetspot

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



58.6096, 49.1175, 42.9514



83.7399, 83.3125, 86.8400



66.9757, 52.2967, 94.5601



17.6100, 17.3697, 17.9743



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.



58.6096, 49.1175, 42.9514



58.6898, 46.4659, 37.6311



66.0284, 64.3931, 44.0740



16.5234, 16.4922, 17.2366



20.3230, 10.4726, 1.1432



1.7946, 0.9238, 0.1445

Inverse Universe

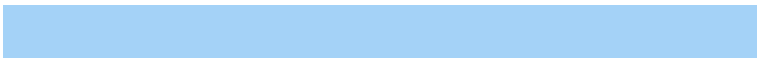
The Inverse Universe completely reimagines the original color for something new.



58.6096, 49.1175, 42.9514



58.6898, 46.4659, 37.6311



55.0607, 60.5306, 96.7774



16.5234, 16.4922, 17.2366



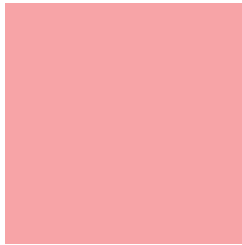
20.3230, 10.4726, 1.1432



1.7946, 0.9238, 0.1445

Previews

White Background



This preview shows how the XYZ color 58.6083, 49.1151, 42.9504 looks on a white background.

Color Contrast Check

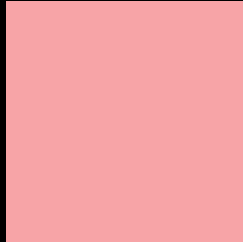
Large Text (above 18pt) WCAG AA × Fail

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 58.6083, 49.1151, 42.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

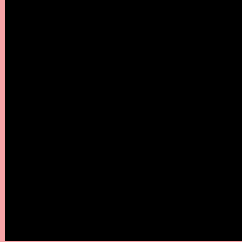
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6083, 49.1151, 42.9504

Background



This preview shows how black text looks on a background with the XYZ color 58.6083, 49.1151, 42.9504.



This preview shows how white text looks on a background with the XYZ color 58.6083, 49.1151,

42.9504.

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

58.6083, 49.1151, 42.9504

Protanopia

47.4338, 49.5790, 49.7175

Deuteranopia

50.4627, 49.4690, 42.0108



Tritanopia

59.5465, 49.2460, 46.9244

Trichromacy



Original Color

58.6083, 49.1151, 42.9504

Protanomaly

50.8096, 48.9330, 47.3245

Deuteranomaly

52.9789, 48.9963, 42.2622

Tritanomaly

59.2550, 49.1294, 45.3896

Monochromacy



Original Color

58.6083, 49.1151, 42.9504

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.2401, 49.6804, 50.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6083, 49.1151, 42.9504 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, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(247, 164, 167)  
}
```

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, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 164, 167) }
```

Border

The CSS property to change the border of an element to XYZ 58.6083, 49.1151, 42.9504 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, 164, 167) }
```


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

```
.border{ border-color:rgb(247, 164, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 164, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(247, 164,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6083, 49.1151, 42.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 164, 167) }
```

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

```
.background{ background-color: rgb(247,  
164, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor