

Converting Colors

XYZ(117.8234, 82.7362,
49.7355)

Have a look what the booklet for
XYZ(117.8234, 82.7362, 49.7355)
contains.

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Color

**XYZ(64.2100, 54.9759,
47.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFAE
RGB	255, 175, 174
RGB Percent	100%, 69%, 68%
CMY	0.0000, 0.3137, 0.3176
CMYK	0.00, 0.31, 0.32, 0.00
HSL	1°, 100%, 84%
HSV	1°, 32%, 100%
XYZ	64.2100, 54.9759, 47.2716
YIQ	198.8060, 48.0010, 16.6490

Conversions

Conversions Part 2

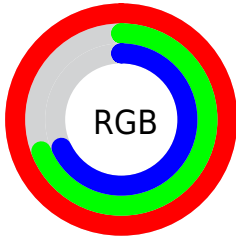
Format	Color
R _Y B	255, 175, 174
Decimal	16756654
CIE Lab	79.03, 29.12, 12.40
CIE LCh	79, 31.653, 23.062
Yxy	54.9759, 0.3857, 0.3303
Android (android.graphics.Color)	4294946734 (0xFFFFFAFAE)
YUV	198.8060, -12.2294, 49.2821
Hunter-Lab	74.1457, 24.8255, 14.1017

Details

The XYZ color **64.2100, 54.9759, 47.2716** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.9461, 87.0993, 107.6803**, and the grayscale version is **54.2205, 57.0442, 62.1212**.

A 20% lighter version of the original color is **83.9588, 84.0690, 85.9306**, and **33.2373, 27.0600, 21.8837** is the 20% darker color. If you saturate the color by 10%, you get **57.5032, 45.1702, 33.9135**, and if you desaturate by 10%, it is **72.3054, 66.8034, 63.4220**.

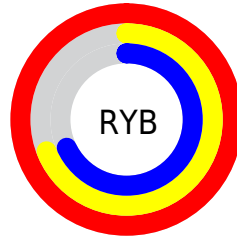
Distribution



Red (100%)

Green (69%)

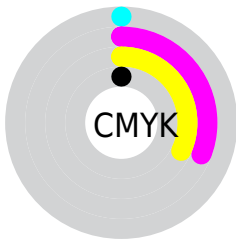
Blue (68%)



Red (100%)

Yellow (69%)

Blue (68%)

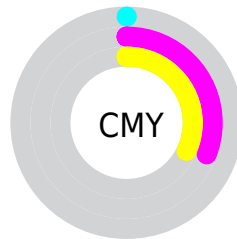


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2100, 54.9759, 47.2716 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 64.2100, 54.9759, 47.2716 by changing the saturation by 10% instead.


 64.2100, 54.9759,
47.2716

 64.2100, 54.9759,
47.2716


429.5378,
405.8206, 392.3227

 47.0831, 39.3824,
32.8945


 109.9854, 97.5056,
87.4731

 33.3096, 27.0574,
21.7752


139.3645,
125.2107, 114.1346

 22.5241, 17.6163,
13.4951


173.5585,
157.7218, 145.7281

 14.3612, 10.6749,
7.6356

212.9326,
195.4232, 182.6720

 8.4557, 5.8487,
3.7783

257.8523,
238.6994, 225.3848

 4.4422, 2.7533,
1.5045

308.6828,

 1.9552, 1.0043,

287.9347, 274.2852

0.2213

365.7895,
343.5137, 329.7917

■ 0.6086, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2100, 54.9759,
47.2716

■ 64.2100, 54.9759,
47.2716

■ 57.5032, 45.1702,
33.9135

■ 72.3054, 66.8034,
63.4220

■ 52.1032, 37.2661,
23.1863

■ 81.8571, 80.7489,
82.5069

■ 47.9262, 31.1427,
14.9174

■ 92.9331, 96.9116,
104.6629

■ 44.8767, 26.6618,
8.9121

95.0500, 100.0000,
108.9000

■ 42.8451, 23.6653,
4.9465

■ 41.7000, 21.9635,
2.7511

■ 41.2743, 21.3287,
1.9414

Harmonies

Analogous

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



65.2242, 54.9759, 64.1487



64.2100, 54.9759, 47.2716



59.8761, 54.9759, 36.1910

Triad

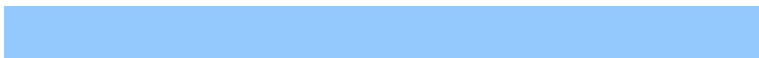
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.2100, 54.9759, 47.2716



43.1562, 54.9759, 41.3373



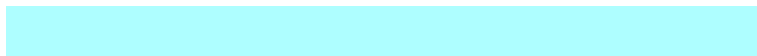
50.8033, 54.9759, 101.3257

Complementary

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



64.2100, 54.9759, 47.2716



70.9461, 87.0993, 107.6803

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.



45.3059, 54.9759, 92.0918



64.2100, 54.9759, 47.2716



41.1266, 54.9759, 55.7657

Square

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



64.2100, 54.9759, 47.2716



47.6498, 54.9759, 33.2765



41.8809, 54.9759, 74.5042



57.1434, 54.9759, 97.7903

Rectangle

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



64.2100, 54.9759, 47.2716



55.8622, 54.9759, 32.4268



41.8809, 54.9759, 74.5042



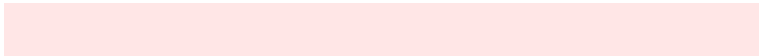
48.8026, 54.9759, 99.5593

Sweetspot

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



64.2113, 54.9785, 47.2727



83.6985, 83.4366, 86.1888



74.4263, 58.7526, 102.0254



17.6001, 17.3994, 17.8185



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.



64.2113, 54.9785, 47.2727



59.8704, 48.6324, 38.6244



73.0536, 72.6630, 50.2201



18.0275, 18.0231, 18.6730



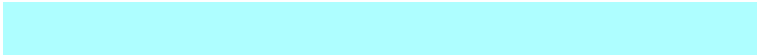
21.5745, 11.1603, 1.0171



2.1067, 1.0988, 0.1011

Inverse Universe

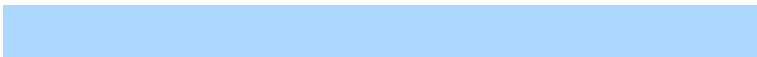
The Inverse Universe completely reimagines the original color for something new.



70.9461, 87.0993, 107.6803



67.5479, 85.2545, 107.5034



59.6793, 64.5658, 103.9247



18.5344, 20.4405, 23.2185



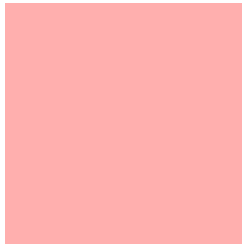
27.6027, 40.1149, 55.7227



2.6936, 3.9178, 5.4275

Previews

White Background



This preview shows how the XYZ color 64.2100, 54.9759, 47.2716 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 64.2100, 54.9759, 47.2716 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 64.2100, 54.9759, 47.2716

Background



This preview shows how black text looks on a background with the XYZ color 64.2100, 54.9759, 47.2716.



This preview shows how white text looks on a background with the XYZ color 64.2100, 54.9759,

47.2716.

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

64.2100, 54.9759, 47.2716

Protanopia

52.6292, 55.0896, 53.7584

Deuteranopia

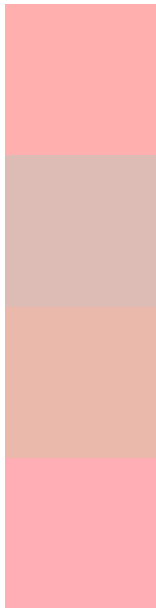
56.2888, 55.1828, 46.2127



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

64.2100, 54.9759, 47.2716

Protanomaly

56.1425, 54.6748, 51.3103

Deuteranomaly

58.8478, 54.9217, 46.5291

Tritanomaly

64.8195, 54.9095, 51.4382

Monochromacy



Original Color

64.2100, 54.9759, 47.2716

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.9211, 55.6047, 56.4479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2100, 54.9759, 47.2716 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(255, 175, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 174)  
}
```

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(255, 175, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 174) }
```

Border

The CSS property to change the border of an element to XYZ 64.2100, 54.9759, 47.2716 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(255, 175, 174) }
```


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

```
.border{ border-color:rgb(255, 175, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2100, 54.9759, 47.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 174) }
```

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

```
.background{ background-color: rgb(255,  
175, 174) }
```

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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