

Converting Colors

XYZ(59.2229, 49.7303, 41.5995)

Have a look what the booklet for
XYZ(59.2229, 49.7303, 41.5995)
contains.

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Color

**XYZ(59.2229, 49.7303,
41.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A5A4
RGB	249, 165, 164
RGB Percent	98%, 65%, 64%
CMY	0.0235, 0.3529, 0.3569
CMYK	0.00, 0.34, 0.34, 0.02
HSL	1°, 88%, 81%
HSV	1°, 34%, 98%
XYZ	59.2229, 49.7303, 41.5995
YIQ	190.0020, 50.3850, 17.4970

Conversions

Conversions Part 2

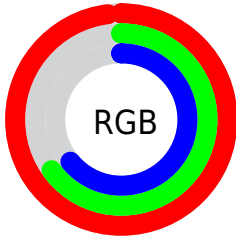
Format	Color
R _Y B	249, 165, 164
Decimal	16360868
CIE Lab	75.90, 30.92, 13.33
CIE LCh	76, 33.674, 23.320
Yxy	49.7303, 0.3934, 0.3303
Android (android.graphics.Color)	4294550948 (0xFFF9A5A4)
YUV	190.0020, -12.8190, 51.7412
Hunter-Lab	70.5197, 26.4959, 14.3887

Details

The XYZ color **59.2229, 49.7303, 41.5995** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9749, 81.8640, 101.9468**, and the grayscale version is **48.9970, 51.5487, 56.1365**.

A 20% lighter version of the original color is **79.8826, 78.0874, 77.8799**, and **29.9540, 23.7053, 18.3261** is the 20% darker color. If you saturate the color by 10%, you get **53.1713, 40.8803, 29.5532**, and if you desaturate by 10%, it is **66.5711, 60.4686, 56.2509**.

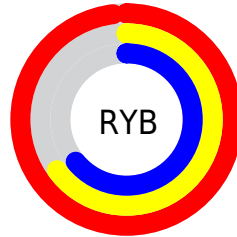
Distribution



Red (98%)

Green (65%)

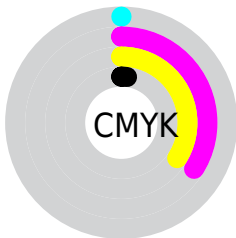
Blue (64%)



Red (98%)

Yellow (65%)

Blue (64%)

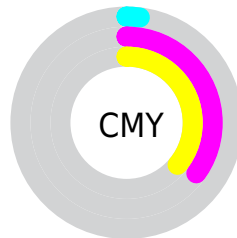


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (2%)



Cyan (2%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2229, 49.7303, 41.5995 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 59.2229, 49.7303, 41.5995 by changing the saturation by 10% instead.


 59.2229, 49.7303,
41.5995


 59.2229, 49.7303,
41.5995


411.6082,
385.6103, 368.5706

 43.0396, 35.1991,
28.4646


 102.8143, 89.7751,
78.8567

 30.1109, 23.8163,
18.4341


 130.9532,
116.0576, 103.8160

 20.0713, 15.1974,
11.0894


163.8080,
147.0260, 133.5539

 12.5554, 8.9581,
6.0121

201.7441,
183.0647, 168.4889

 7.1980, 4.7138,
2.7835

245.1268,
224.5581, 209.0395

 3.6337, 2.0804,
0.9852

294.3215,

 1.4970, 0.6535,

271.8906, 255.6243

0.0000

349.6935,
325.4465, 308.6618

■ 0.3238, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2229, 49.7303,
41.5995

■ 59.2229, 49.7303,
41.5995

■ 53.1713, 40.8803,
29.5532

■ 66.5711, 60.4686,
56.2509

■ 48.3375, 33.8029,
19.9566

■ 75.2809, 73.1880,
73.6443

■ 44.6401, 28.3807,
12.6429

■ 85.4176, 87.9836,
93.9107

■ 41.9864, 24.4795,
7.4227

■ 92.8770, 98.8798,
108.7983

■ 40.2688, 21.9440,
4.0765

■ 39.3567, 20.5857,
2.3363

■ 39.0989, 20.2037,
1.8390

Harmonies

Analogous

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



60.2784, 49.7303, 58.2637



59.2229, 49.7303, 41.5995



54.8393, 49.7303, 30.9127

Triad

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



59.2229, 49.7303, 41.5995



38.2442, 49.7303, 36.0336



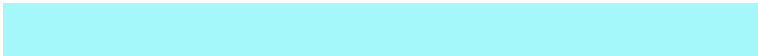
45.8788, 49.7303, 96.1810

Complementary

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



59.2229, 49.7303, 41.5995



65.9749, 81.8640, 101.9468

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.



40.4262, 49.7303, 86.8199



59.2229, 49.7303, 41.5995



36.2775, 49.7303, 50.2305

Square

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



59.2229, 49.7303, 41.5995



42.6542, 49.7303, 28.2307



37.0396, 49.7303, 68.9955



52.2012, 49.7303, 92.4382

Rectangle

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



59.2229, 49.7303, 41.5995



50.8121, 49.7303, 27.3541



37.0396, 49.7303, 68.9955



43.8911, 49.7303, 94.4053

Sweetspot

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



59.2242, 49.7327, 41.6005



83.6944, 83.4283, 86.1874



69.4416, 53.5307, 96.2952



17.5991, 17.3974, 17.8181



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.



59.2242, 49.7327, 41.6005



57.9587, 45.8313, 34.8361



67.9600, 67.2042, 44.5124



17.2611, 17.2580, 17.8838



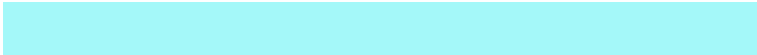
20.9361, 10.8289, 0.9867



1.9447, 1.0142, 0.0933

Inverse Universe

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



65.9749, 81.8640, 101.9468



66.0775, 84.4806, 107.4315



54.6011, 59.1163, 98.1555



17.7472, 19.5713, 22.2275



26.8106, 38.9767, 54.0838



2.4886, 3.6209, 5.0109

Previews

White Background



This preview shows how the XYZ color 59.2229, 49.7303, 41.5995 looks on a white background.

Color Contrast Check

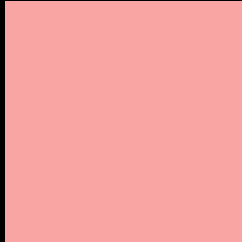
Large Text (above 18pt) WCAG AA × Fail

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 59.2229, 49.7303, 41.5995 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 59.2229, 49.7303, 41.5995

Background



This preview shows how black text looks on a background with the XYZ color 59.2229, 49.7303, 41.5995.



This preview shows how white text looks on a background with the XYZ color 59.2229, 49.7303,

41.5995.

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

59.2229, 49.7303, 41.5995

Protanopia

47.7563, 50.1051, 47.7117

Deuteranopia

50.7786, 49.6628, 40.6278



Tritanopia

60.3580, 49.6530, 47.4771

Trichromacy



Original Color

59.2229, 49.7303, 41.5995



Protanomaly

51.2023, 49.4766, 45.3794



Deuteranomaly

53.5301, 49.5995, 40.9347



Tritanomaly

60.1462, 49.8535, 45.4824

Monochromacy



Original Color

59.2229, 49.7303, 41.5995



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.7283, 50.2328, 50.6856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2229, 49.7303, 41.5995 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(249, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(249, 165, 164)  
}
```

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(249, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 59.2229, 49.7303, 41.5995 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(249, 165, 164) }
```


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

```
.border{ border-color:rgb(249, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(249, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2229, 49.7303, 41.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 165, 164) }
```

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

```
.background{ background-color: rgb(249,  
165, 164) }
```

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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