

Converting Colors

XYZ(58.9201, 51.5404, 48.1225)

Have a look what the booklet for
XYZ(58.9201, 51.5404, 48.1225)
contains.

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Color

**XYZ(59.0557, 51.7225,
47.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	F1ADB0
RGB	241, 173, 176
RGB Percent	95%, 68%, 69%
CMY	0.0549, 0.3215, 0.3098
CMYK	0.00, 0.28, 0.27, 0.05
HSL	357°, 71%, 81%
HSV	357°, 28%, 95%
XYZ	59.0557, 51.7225, 47.9452
YIQ	193.6740, 39.5650, 15.3490

Conversions

Conversions Part 2

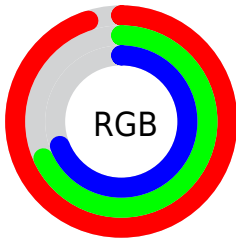
Format	Color
R _Y B	241, 173, 176
Decimal	15838640
CIE Lab	77.11, 25.30, 8.39
CIE LCh	77, 26.653, 18.338
Yxy	51.7225, 0.3721, 0.3259
Android (android.graphics.Color)	4294028720 (0xFFFF1ADB0)
YUV	193.6740, -8.7133, 41.5049
Hunter-Lab	71.9184, 20.7180, 10.8165

Details

The XYZ color **59.0557, 51.7225, 47.9452** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.1237, 77.9691, 92.5627**, and the grayscale version is **51.1202, 53.7824, 58.5691**.

A 20% lighter version of the original color is **83.8248, 83.1248, 87.9706**, and **30.1217, 25.0785, 22.3218** is the 20% darker color. If you saturate the color by 10%, you get **52.7551, 42.4647, 35.5370**, and if you desaturate by 10%, it is **66.5795, 62.8069, 62.6708**.

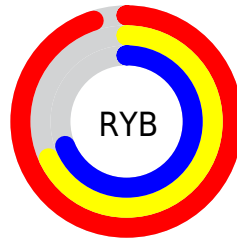
Distribution



Red (95%)

Green (68%)

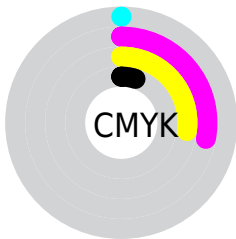
Blue (69%)



Red (95%)

Yellow (68%)

Blue (69%)

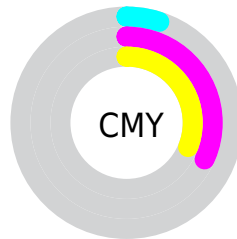


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (5%)



Cyan (5%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0557, 51.7225, 47.9452 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 59.0557, 51.7225, 47.9452 by changing the saturation by 10% instead.

59.0557, 51.7225,
47.9452

59.0557, 51.7225,
47.9452

410.9990,
393.3644, 395.0773

42.9045, 36.7839,
33.4238

102.5728, 92.7219,
88.4875

30.0044, 25.0402,
22.1775

130.6694,
119.5514, 115.3455

19.9900, 16.1070,
13.7878

163.4785,
151.1135, 147.1528

12.4960, 9.5999,
7.8362

201.3654,
187.7924, 184.3279

7.1570, 5.1345,
3.9040

244.6956,
229.9725, 227.2893

3.6077, 2.3264,
1.5729

293.8344,

1.4827, 0.7876,

278.0383, 276.4557

0.2713

349.1471,
332.3741, 332.2455

■ 0.3140, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0557, 51.7225,
47.9452

■ 59.0557, 51.7225,
47.9452

■ 52.7551, 42.4647,
35.5370

■ 66.5795, 62.8069,
62.6708

■ 47.6090, 34.9287,
25.3252

■ 75.3820, 75.8008,
79.8201

■ 43.5488, 29.0103,
17.1828

■ 85.5201, 90.7907,
99.4964

■ 40.4964, 24.5913,
10.9685

■ 90.0858, 97.4408,
108.6677

■ 38.3636, 21.5371,
6.5231

■ 37.0469, 19.6892,
3.6622

■ 36.4068, 18.8280,
2.1573

■ 36.3340, 18.7241,
2.0042

Harmonies

Analogous

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



59.3899, 51.7225, 62.1795



59.0557, 51.7225, 47.9452



55.9628, 51.7225, 37.8537

Triad

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



59.0557, 51.7225, 47.9452



42.2008, 51.7225, 39.6535



47.2073, 51.7225, 88.4958

Complementary

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



59.0557, 51.7225, 47.9452



64.1237, 77.9691, 92.5627

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.



42.9334, 51.7225, 79.9784



59.0557, 51.7225, 47.9452



40.1792, 51.7225, 50.8351

Square

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



59.0557, 51.7225, 47.9452



46.1433, 51.7225, 33.6674



40.4377, 51.7225, 65.6107



52.3068, 51.7225, 87.3582

Rectangle

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



59.0557, 51.7225, 47.9452



52.8654, 51.7225, 34.0640



40.4377, 51.7225, 65.6107



45.6332, 51.7225, 86.6144

Sweetspot

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



59.0571, 51.7249, 47.9462



85.9015, 86.4749, 91.1394



65.9479, 54.3484, 90.2339



18.0418, 18.0000, 18.8373



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.



59.0571, 51.7249, 47.9462



62.7559, 52.3593, 45.8886



65.3179, 64.7157, 48.5870



15.8010, 15.7701, 16.5084



19.7158, 10.1587, 1.1540



1.6500, 0.8491, 0.1479

Inverse Universe

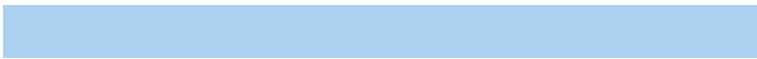
The Inverse Universe completely reimagines the original color for something new.



59.0571, 51.7249, 47.9462



62.7559, 52.3593, 45.8886



56.2584, 61.5282, 92.1304



15.8010, 15.7701, 16.5084



19.7158, 10.1587, 1.1540



1.6500, 0.8491, 0.1479

Previews

White Background



This preview shows how the XYZ color 59.0557, 51.7225, 47.9452 looks on a white background.

Color Contrast Check

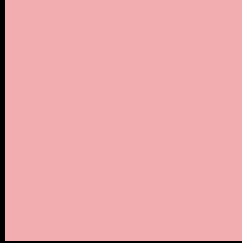
Large Text (above 18pt) WCAG AA × Fail

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 59.0557, 51.7225, 47.9452 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 59.0557, 51.7225, 47.9452

Background



This preview shows how black text looks on a background with the XYZ color 59.0557, 51.7225, 47.9452.



This preview shows how white text looks on a background with the XYZ color 59.0557, 51.7225,

47.9452.

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

59.0557, 51.7225, 47.9452

Protanopia

49.6761, 51.9318, 53.3046

Deuteranopia

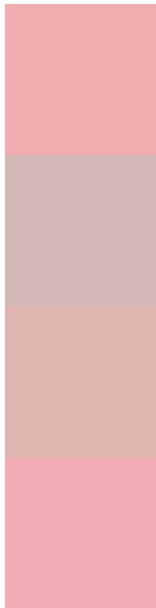
52.8048, 51.7840, 47.2566



Tritanopia

60.1274, 51.8851, 52.7447

Trichromacy



Original Color

59.0557, 51.7225, 47.9452

Protanomaly

52.7354, 51.6554, 51.4470

Deuteranomaly

54.7996, 51.5850, 47.6261

Tritanomaly

59.8140, 51.7597, 51.0940

Monochromacy



Original Color

59.0557, 51.7225, 47.9452

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.3925, 52.5546, 54.3437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0557, 51.7225, 47.9452 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(241, 173, 176)` looks like.

```
.text, #text, p{  
    color:rgb(241, 173, 176)  
}
```

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(241, 173, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 173, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.0557, 51.7225, 47.9452 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(241, 173, 176) }
```


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

```
.border{ border-color:rgb(241, 173, 176) }
```

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

Here you see how a box with a 4 pixel rgb(241, 173, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 173, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 173, 176);  
box-shadow:4px 4px 4px 4px rgb(241, 173,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0557, 51.7225, 47.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 173, 176) }
```

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

```
.background{ background-color: rgb(241,  
173, 176) }
```

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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