

Converting Colors

XYZ(57.0373, 49.5217, 41.8023)

Have a look what the booklet for
XYZ(57.0373, 49.5217, 41.8023)
contains.

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Color

**XYZ(56.9791, 49.3864,
41.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A8A4
RGB	241, 168, 164
RGB Percent	95%, 66%, 64%
CMY	0.0549, 0.3412, 0.3569
CMYK	0.00, 0.30, 0.32, 0.05
HSL	3°, 73%, 79%
HSV	3°, 32%, 95%
XYZ	56.9791, 49.3864, 41.6514
YIQ	189.3710, 44.7920, 14.2320

Conversions

Conversions Part 2

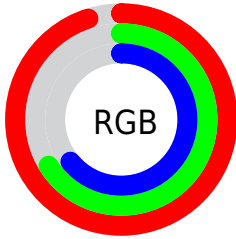
Format	Color
R _{YB}	241, 168, 164
Decimal	15837348
CIE Lab	75.69, 26.38, 12.90
CIE LCh	76, 29.362, 26.070
Yxy	49.3864, 0.3849, 0.3337
Android (android.graphics.Color)	4294027428 (0xFFFF1A8A4)
YUV	189.3710, -12.5079, 45.2786
Hunter-Lab	70.2755, 21.7451, 14.0524

Details

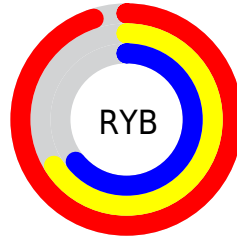
The XYZ color **56.9791, 49.3864, 41.6514** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.4701, 74.8091, 94.4189**, and the grayscale version is **48.6348, 51.1676, 55.7215**.

A 20% lighter version of the original color is **80.6818, 79.6858, 78.1463**, and **28.5838, 23.4986, 18.3584** is the 20% darker color. If you saturate the color by 10%, you get **51.1518, 40.8910, 29.9696**, and if you desaturate by 10%, it is **63.9624, 59.5334, 55.7542**.

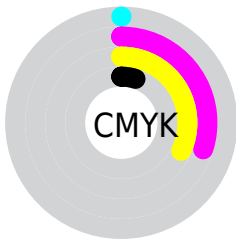
Distribution



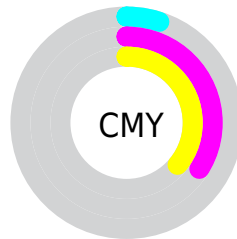
- Red (95%)
- Green (66%)
- Blue (64%)



- Red (95%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9791, 49.3864, 41.6514 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 56.9791, 49.3864, 41.6514 by changing the saturation by 10% instead.


 56.9791, 49.3864,
41.6514


 56.9791, 49.3864,
41.6514

403.3864,
384.2615, 368.7928

 41.2285, 34.9261,
28.5049

 99.5662, 89.2651,
78.9361

 28.6862, 23.6060,
18.4643


 127.1335,
115.4522, 103.9115

 18.9866, 15.0416,
11.1109


159.3704,
146.3171, 133.6668

 11.7646, 8.8486,
6.0264

196.6422,
182.2442, 168.6207

 6.6546, 4.6425,
2.7921

239.3144,
223.6177, 209.1917

 3.2915, 2.0391,
0.9895

287.7523,

 1.3097, 0.6300,

270.8222, 255.7984

0.0000

342.3212,
324.2420, 308.8592

■ 0.1905, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9791, 49.3864,
41.6514

■ 56.9791, 49.3864,
41.6514

■ 51.1518, 40.8910,
29.9696

■ 63.9624, 59.5334,
55.7542

■ 46.4146, 33.9533,
20.5698

■ 72.1553, 71.4055,
72.4003

■ 42.7006, 28.4807,
13.3036

■ 81.6126, 85.0801,
91.7073

■ 39.9343, 24.3681,
8.0040

■ 90.0857, 97.4408,
108.6677

■ 38.0296, 21.4962,
4.4788

■ 36.8847, 19.7254,
2.4975

■ 36.4137, 18.9769,
1.7437

Harmonies

Analogous

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



58.1705, 49.3864, 55.8534



56.9791, 49.3864, 41.6514



53.0256, 49.3864, 32.5472

Triad

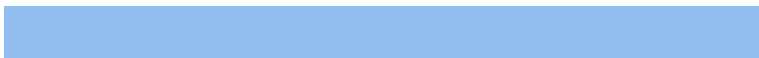
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9791, 49.3864, 41.6514



38.7838, 49.3864, 38.7227



46.2268, 49.3864, 89.5467

Complementary

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



56.9791, 49.3864, 41.6514



61.4701, 74.8091, 94.4189

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.



41.3393, 49.3864, 82.6620



56.9791, 49.3864, 41.6514



37.2573, 49.3864, 51.7457

Square

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



56.9791, 49.3864, 41.6514



42.4910, 49.3864, 31.0997



38.1558, 49.3864, 68.0450



51.6898, 49.3864, 85.4277

Rectangle

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



56.9791, 49.3864, 41.6514



49.5043, 49.3864, 29.6195



38.1558, 49.3864, 68.0450



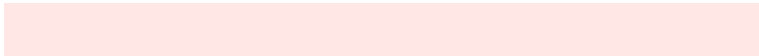
44.4664, 49.3864, 88.4125

Sweetspot

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



56.9804, 49.3888, 41.6524



83.9801, 83.9998, 86.2826



64.8594, 51.3754, 86.7338



17.6675, 17.5341, 17.8409



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.



56.9804, 49.3888, 41.6524



60.5422, 49.9762, 38.8484



65.1324, 65.6928, 44.3697



15.8387, 15.8906, 16.3821



19.7751, 10.3483, 0.9552



1.6682, 0.9070, 0.0871

Inverse Universe

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



61.4701, 74.8091, 94.4189



66.3434, 82.8456, 107.1019



51.5305, 54.9299, 91.1057



16.1728, 17.7798, 20.3010



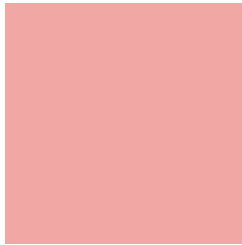
23.7556, 33.7355, 50.3874



1.9977, 2.8493, 4.1989

Previews

White Background



This preview shows how the XYZ color 56.9791, 49.3864, 41.6514 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 56.9791, 49.3864, 41.6514 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 56.9791, 49.3864, 41.6514

Background



This preview shows how black text looks on a background with the XYZ color 56.9791, 49.3864, 41.6514.



This preview shows how white text looks on a background with the XYZ color 56.9791, 49.3864,

41.6514.

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

56.9791, 49.3864, 41.6514

Protanopia

47.1912, 49.5113, 47.1138

Deuteranopia

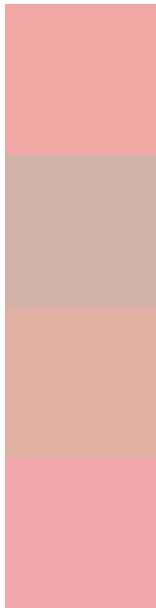
50.5744, 49.5473, 41.0804



Tritanopia

58.2900, 49.3640, 48.5755

Trichromacy



Original Color

56.9791, 49.3864, 41.6514

Protanomaly

49.9541, 48.8441, 44.8252

Deuteranomaly

52.8767, 49.5423, 41.4261

Tritanomaly

57.9795, 49.5318, 46.0399

Monochromacy



Original Color

56.9791, 49.3864, 41.6514

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.7745, 49.7529, 50.1072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9791, 49.3864, 41.6514 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, 168, 164)` looks like.

```
.text, #text, p{  
    color:rgb(241, 168, 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(241, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 168, 164) }
```

Border

The CSS property to change the border of an element to XYZ 56.9791, 49.3864, 41.6514 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, 168, 164) }
```


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

```
.border{ border-color:rgb(241, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(241, 168,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9791, 49.3864, 41.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 168, 164) }
```

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

```
.background{ background-color: rgb(241,  
168, 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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