

Converting Colors

XYZ(58.2229, 49.8491, 47.7856)

Have a look what the booklet for
XYZ(58.2229, 49.8491, 47.7856)
contains.

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Color

**XYZ(58.1147, 49.8406,
47.6315)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A8B0
RGB	241, 168, 176
RGB Percent	95%, 66%, 69%
CMY	0.0549, 0.3412, 0.3098
CMYK	0.00, 0.30, 0.27, 0.05
HSL	353°, 72%, 80%
HSV	353°, 30%, 95%
XYZ	58.1147, 49.8406, 47.6315
YIQ	190.7390, 40.9400, 17.9640

Conversions

Conversions Part 2

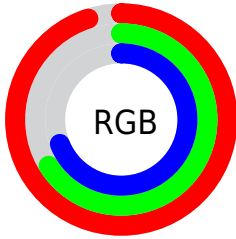
Format	Color
R _Y B	241, 168, 176
Decimal	15837360
CIE Lab	75.97, 27.95, 6.75
CIE LCh	76, 28.752, 13.571
Yxy	49.8406, 0.3735, 0.3203
Android (android.graphics.Color)	4294027440 (0xFFFF1A8B0)
YUV	190.7390, -7.2663, 44.0789
Hunter-Lab	70.5979, 23.3912, 9.4163

Details

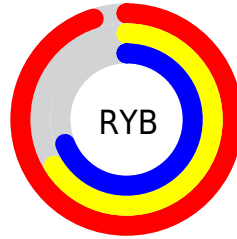
The XYZ color **58.1147, 49.8406, 47.6315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.3138, 77.1197, 88.6960**, and the grayscale version is **49.3954, 51.9678, 56.5929**.

A 20% lighter version of the original color is **82.4611, 80.3975, 87.5160**, and **29.2973, 23.7840, 22.1154** is the 20% darker color. If you saturate the color by 10%, you get **52.1126, 40.9700, 35.9699**, and if you desaturate by 10%, it is **65.2797, 60.4991, 61.3379**.

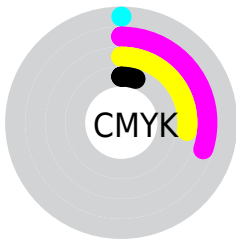
Distribution



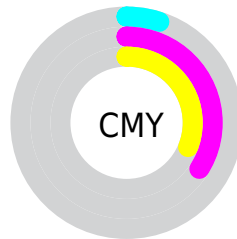
- Red (95%)
- Green (66%)
- Blue (69%)



- Red (95%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1147, 49.8406, 47.6315 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 58.1147, 49.8406, 47.6315 by changing the saturation by 10% instead.

58.1147, 49.8406,
47.6315

58.1147, 49.8406,
47.6315

407.5602,
386.0423, 393.7961

42.1445, 35.2868,
33.1772

101.2119, 89.9387,
88.0153

29.4060, 23.8839,
21.9900

129.0695,
116.2517, 114.7820

19.5340, 15.2475,
13.6513

161.6204,
147.2532, 146.4898

12.1631, 8.9933,
7.7426

199.2298,
183.3276, 183.5574

6.9278, 4.7368,
3.8453

242.2632,
224.8593, 226.4033

3.4629, 2.0937,
1.5409

291.0858,

1.4030, 0.6611,

272.2328, 275.4460

0.2481

346.0630,
325.8323, 331.1041

■ 0.2584, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1147, 49.8406,
47.6315

■ 58.1147, 49.8406,
47.6315

■ 52.1126, 40.9700,
35.9699

■ 65.2797, 60.4991,
61.3379

■ 47.2081, 33.7828,
26.2521

■ 73.6603, 73.0286,
77.1775

■ 43.3353, 28.1744,
18.3728

■ 83.3110, 87.5154,
95.2372

■ 40.4200, 24.0257,
12.2156

■ 90.0857, 97.4408,
108.6677

■ 38.3774, 21.2005,
7.6508

■ 37.1082, 19.5370,
4.5299

■ 36.4666, 18.7772,
2.7031

Harmonies

Analogous

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



57.9624, 49.8406, 63.0523



58.1147, 49.8406, 47.6315



55.2392, 49.8406, 36.3581

Triad

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



58.1147, 49.8406, 47.6315



40.6167, 49.8406, 35.5670



44.5162, 49.8406, 87.7925

Complementary

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



58.1147, 49.8406, 47.6315



62.3138, 77.1197, 88.6960

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.



40.2896, 49.8406, 77.2635



58.1147, 49.8406, 47.6315



38.1572, 49.8406, 46.3399

Square

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



58.1147, 49.8406, 47.6315



44.9942, 49.8406, 30.3330



38.0421, 49.8406, 61.4938



49.8321, 49.8406, 88.3186

Rectangle

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



58.1147, 49.8406, 47.6315



52.1094, 49.8406, 31.8932



38.0421, 49.8406, 61.4938



42.9308, 49.8406, 85.2272

Sweetspot

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



58.1161, 49.8430, 47.6325



85.0431, 84.9743, 90.1866



63.3171, 51.5954, 89.8410



17.8805, 17.7051, 18.6980



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.



58.1161, 49.8430, 47.6325



61.9403, 50.5525, 46.1576



63.0812, 61.0023, 45.4986



15.8432, 15.7870, 16.7304



19.7987, 10.1919, 1.5907



1.6701, 0.8571, 0.2539

Inverse Universe

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



58.1161, 49.8430, 47.6325



61.9403, 50.5525, 46.1576



55.8260, 62.2745, 92.2971



15.8432, 15.7870, 16.7304



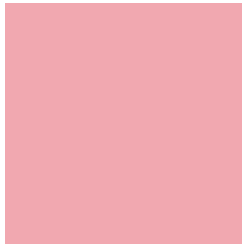
19.7987, 10.1919, 1.5907



1.6701, 0.8571, 0.2539

Previews

White Background



This preview shows how the XYZ color 58.1147, 49.8406, 47.6315 looks on a white background.

Color Contrast Check

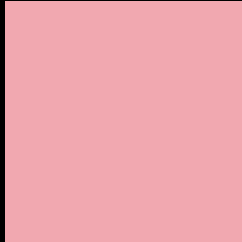
Large Text (above 18pt) WCAG AA × Fail

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 58.1147, 49.8406, 47.6315 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 58.1147, 49.8406, 47.6315

Background



This preview shows how black text looks on a background with the XYZ color 58.1147, 49.8406, 47.6315.



This preview shows how white text looks on a background with the XYZ color 58.1147, 49.8406,

47.6315.

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

58.1147, 49.8406, 47.6315

Protanopia

48.1191, 50.1622, 53.6005

Deuteranopia

51.0278, 49.9526, 46.9968



Tritanopia

58.3326, 49.6335, 49.6858

Trichromacy



Original Color

58.1147, 49.8406, 47.6315



Protanomaly

51.0593, 49.5752, 51.1338



Deuteranomaly

53.3874, 49.6754, 47.3319



Tritanomaly

58.2310, 49.5929, 49.1511

Monochromacy



Original Color

58.1147, 49.8406, 47.6315



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.0909, 50.9675, 53.5466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1147, 49.8406, 47.6315 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(241, 168, 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, 168, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 168, 176) }
```

Border

The CSS property to change the border of an element to XYZ 58.1147, 49.8406, 47.6315 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, 176) }
```


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

```
.border{ border-color:rgb(241, 168, 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, 168, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 168, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 168, 176);  
box-shadow:4px 4px 4px 4px rgb(241, 168,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1147, 49.8406, 47.6315 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, 176) }
```

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

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