

Converting Colors

XYZ(47.0156, 43.5077, 58.0310)

Have a look what the booklet for
XYZ(47.0156, 43.5077, 58.0310)
contains.

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Color

**XYZ(47.0712, 43.6287,
58.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A7C4
RGB	198, 167, 196
RGB Percent	78%, 65%, 77%
CMY	0.2235, 0.3451, 0.2314
CMYK	0.00, 0.16, 0.01, 0.22
HSL	304°, 21%, 72%
HSV	304°, 16%, 78%
XYZ	47.0712, 43.6287, 58.1648
YIQ	179.5750, 9.1670, 15.5910

Conversions

Conversions Part 2

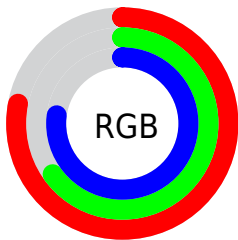
Format	Color
R_{YB}	198, 167, 196
Decimal	13019076
CIE _{Lab}	71.98, 16.36, -10.59
CIE _{LCh}	72, 19.493, 327.091
Yxy	43.6287, 0.3162, 0.2931
Android (android.graphics.Color)	4291209156 (0xFFC6A7C4)
YUV	179.5750, 8.0975, 16.1587
Hunter-Lab	66.0520, 11.6149, -5.9738

Details

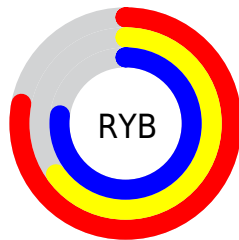
The XYZ color **47.0712, 43.6287, 58.1648** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.2935, 51.4695, 45.1912**, and the grayscale version is **43.1104, 45.3555, 49.3921**.

A 20% lighter version of the original color is **85.0909, 80.5944, 104.0000**, and **22.5148, 20.1438, 28.2927** is the 20% darker color. If you saturate the color by 10%, you get **43.5736, 36.8646, 56.2849**, and if you desaturate by 10%, it is **51.1280, 51.5078, 60.2382**.

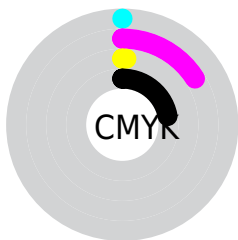
Distribution



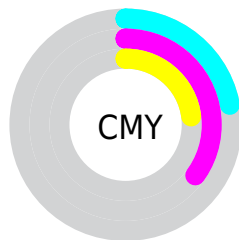
- Red (78%)
- Green (65%)
- Blue (77%)



- Red (78%)
- Yellow (65%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0712, 43.6287, 58.1648 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 47.0712, 43.6287, 58.1648 by changing the saturation by 10% instead.


 47.0712, 43.6287,
58.1648


 47.0712, 43.6287,
58.1648


365.7428,
361.1909, 435.4151

 33.3001, 30.3787,
41.5256

 85.0380, 80.6587,
103.6800

 22.5168, 20.1262,
28.4072


 109.9644,
105.2076, 133.3930

 14.3559, 12.4868,
18.3911

139.3400,
134.2915, 168.3010

 8.4519, 7.0761,
11.0588


173.5301,
168.2949, 208.8226

 4.4397, 3.5098,
5.9917

212.9001,
207.6021, 255.3762

 1.9538, 1.4033,
2.7714

257.8153,

 0.6078, 0.2192,

252.5976, 308.3805

0.9791

308.6411,
303.6658, 368.2540

■ 0.0000, 0.0000,
0.0000

■ 47.0712, 43.6287,
58.1648

■ 47.0712, 43.6287,
58.1648

■ 43.5736, 36.8646,
56.2849

■ 51.1280, 51.5078,
60.2382

■ 40.6062, 31.1595,
54.5874

■ 55.7636, 60.5432,
62.5101

■ 38.1430, 26.4610,
53.0640

■ 61.0016, 70.7815,
64.9890

■ 36.1546, 22.7100,
51.7049

■ 66.8630, 82.2646,
67.6819

■ 34.6084, 19.8414,
50.4993

■ 69.7559, 87.8087,
69.3914

33.4676, 17.7819,
49.4349

69.9082, 87.8696,
70.1936

32.6897, 16.4460,
48.4974

70.0618, 87.9310,
71.0024

32.2219, 15.7285,
47.6693

70.2166, 87.9930,
71.8178

32.0697, 15.5182,
47.3284

70.3728, 88.0554,
72.6399

Harmonies

Analogous

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



44.4486, 43.6287, 65.7448



47.0712, 43.6287, 58.1648



48.1875, 43.6287, 48.4396

Triad

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



47.0712, 43.6287, 58.1648



41.7931, 43.6287, 31.4613



36.0314, 43.6287, 56.3419

Complementary

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



47.0712, 43.6287, 58.1648



43.2935, 51.4695, 45.1912

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.



35.4037, 43.6287, 46.5809



47.0712, 43.6287, 58.1648



38.6233, 43.6287, 32.9943

Square

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



47.0712, 43.6287, 58.1648



45.0399, 43.6287, 33.7285



36.3277, 43.6287, 38.2330



38.0897, 43.6287, 64.5974

Rectangle

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



47.0712, 43.6287, 58.1648



47.8851, 43.6287, 42.3227



36.3277, 43.6287, 38.2330



35.6510, 43.6287, 53.0923

Sweetspot

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



47.0725, 43.6306, 58.1657



90.9844, 92.0803, 106.8927



40.2795, 40.1022, 59.0444



19.3567, 19.4799, 22.8206



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.



47.0725, 43.6306, 58.1657



80.9946, 72.6882, 101.7518



45.4442, 42.9793, 49.5915



11.0524, 10.8044, 13.2593



20.8677, 10.0966, 30.8429



0.9972, 0.4817, 1.5085

Inverse Universe

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



47.0725, 43.6306, 58.1657



80.9946, 72.6882, 101.7518



44.7889, 52.0676, 53.0658



11.0524, 10.8044, 13.2593



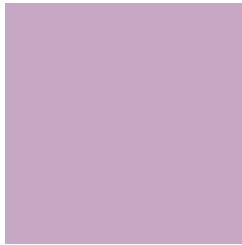
20.8677, 10.0966, 30.8429



0.9972, 0.4817, 1.5085

Previews

White Background



This preview shows how the XYZ color 47.0712, 43.6287, 58.1648 looks on a white background.

Color Contrast Check

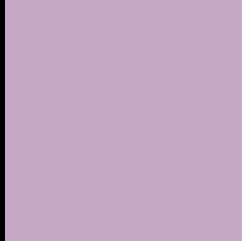
Large Text (above 18pt) WCAG AA × Fail

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 47.0712, 43.6287, 58.1648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

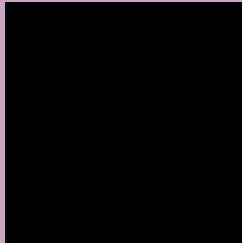
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0712, 43.6287, 58.1648

Background



This preview shows how black text looks on a background with the XYZ color 47.0712, 43.6287, 58.1648.



This preview shows how white text looks on a background with the XYZ color 47.0712, 43.6287,

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

47.0712, 43.6287, 58.1648

Protanopia

42.8858, 43.6476, 61.4229

Deuteranopia

44.6104, 43.7595, 57.7250



Tritanopia

45.5002, 43.5306, 50.8039

Trichromacy



Original Color

47.0712, 43.6287, 58.1648

Protanomaly

44.1174, 43.4523, 60.0947

Deuteranomaly

45.4603, 43.6367, 57.6565

Tritanomaly

46.1057, 43.5064, 53.5445

Monochromacy



Original Color

47.0712, 43.6287, 58.1648

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.6864, 44.7699, 52.7406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0712, 43.6287, 58.1648 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(198, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(198, 167, 196)  
}
```

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(198, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 167, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.0712, 43.6287, 58.1648 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(198, 167, 196) }
```


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

```
.border{ border-color:rgb(198, 167, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 167, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 167, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 167, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 167,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0712, 43.6287, 58.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 167, 196) }
```

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

```
.background{ background-color: rgb(198,  
167, 196) }
```

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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