

Converting Colors

XYZ(43.6464, 39.5036, 47.4550)

Have a look what the booklet for
XYZ(43.6464, 39.5036, 47.4550)
contains.

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Color

**XYZ(43.6460, 39.4704,
47.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	C79DB2
RGB	199, 157, 178
RGB Percent	78%, 62%, 70%
CMY	0.2196, 0.3843, 0.3020
CMYK	0.00, 0.21, 0.11, 0.22
HSL	330°, 27%, 70%
HSV	330°, 21%, 78%
XYZ	43.6460, 39.4704, 47.4376
YIQ	171.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

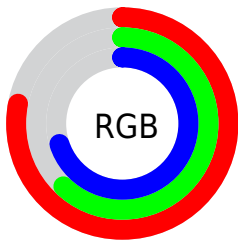
Format	Color
R_{YB}	199, 157, 178
Decimal	13082034
CIE _{Lab}	69.09, 18.98, -4.91
CIE _{LCh}	69, 19.604, 345.495
Yxy	39.4704, 0.3343, 0.3023
Android (android.graphics.Color)	4291272114 (0xFFC79DB2)
YUV	171.9520, 2.9817, 23.7211
Hunter-Lab	62.8255, 14.0626, -0.7902

Details

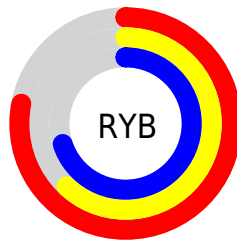
The XYZ color **43.6460, 39.4704, 47.4376** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3655, 51.2303, 49.7774**, and the grayscale version is **39.1683, 41.2080, 44.8756**.

A 20% lighter version of the original color is **79.6348, 74.2875, 87.9836**, and **20.4303, 17.6036, 21.7231** is the 20% darker color. If you saturate the color by 10%, you get **39.5865, 32.8923, 41.3327**, and if you desaturate by 10%, it is **48.3286, 47.1777, 54.1088**.

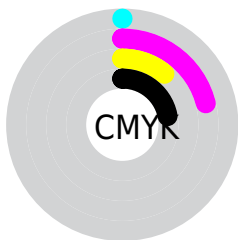
Distribution



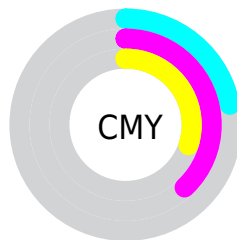
- Red (78%)
- Green (62%)
- Blue (70%)



- Red (78%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6460, 39.4704, 47.4376 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 43.6460, 39.4704, 47.4376 by changing the saturation by 10% instead.


 43.6460, 39.4704,
47.4376

 43.6460, 39.4704,
47.4376


352.1384,
343.8863, 393.0028

 30.5890, 27.1259,
33.0249


 79.9344, 74.3564,
87.7233

 20.4364, 17.6678,
21.8743


 103.8966, 97.6666,
114.4333

 12.8228, 10.7117,
13.5671


132.2246,
125.4009, 146.0796

 7.3828, 5.8733,
7.6849

165.2837,
157.9435, 183.0806

 3.7511, 2.7682,
3.8091

203.4392,
195.6790, 225.8548

 1.5623, 1.0120,
1.5212

247.0566,

 0.3676, 0.0000,

238.9917, 274.8209

0.2337

296.5012,
288.2660, 330.3974

■ 0.0000, 0.0000,
0.0000

■ 43.6460, 39.4704,
47.4376

■ 43.6460, 39.4704,
47.4376

■ 39.5865, 32.8923,
41.3327

■ 48.3286, 47.1777,
54.1088

■ 36.1186, 27.3846,
35.7746

■ 53.6572, 56.0589,
61.3597

■ 33.2133, 22.8908,
30.7464

■ 59.6574, 66.1628,
69.2065

■ 30.8374, 19.3475,
26.2289

■ 66.3527, 77.5339,
77.6640

■ 28.9541, 16.6836,
22.2015

■ 73.2830, 89.2501,
86.5854

■ 27.5215, 14.8183,
18.6415

■ 74.7029, 89.8180,
94.0622

■ 26.4901, 13.6554,
15.5233

■ 76.2035, 90.4183,
101.9644

■ 25.8291, 13.0525,
13.0861

■ 77.3634, 90.8822,
108.0723

Harmonies

Analogous

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



41.9714, 39.4704, 56.2197



43.6460, 39.4704, 47.4376



43.6162, 39.4704, 38.5361

Triad

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



43.6460, 39.4704, 47.4376



35.9311, 39.4704, 28.4203



33.4546, 39.4704, 56.4721

Complementary

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



43.6460, 39.4704, 47.4376



42.3655, 51.2303, 49.7774

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.



32.0118, 39.4704, 47.7457



43.6460, 39.4704, 47.4376



33.3865, 39.4704, 31.9958

Square

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



43.6460, 39.4704, 47.4376



39.0424, 39.4704, 28.3618



31.9876, 39.4704, 38.8043



36.0288, 39.4704, 61.9069

Rectangle

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



43.6460, 39.4704, 47.4376



42.6294, 39.4704, 33.7291



31.9876, 39.4704, 38.8043



32.8277, 39.4704, 53.7764

Sweetspot

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



43.6471, 39.4722, 47.4384



89.1543, 90.1407, 100.9786



40.7274, 37.7044, 59.1644



18.9509, 19.0742, 21.4340



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.



43.6471, 39.4722, 47.4384



73.2612, 63.9651, 78.3837



41.6974, 38.6923, 37.1711



10.8513, 10.7239, 12.2003



16.6528, 8.4107, 8.6474



0.8251, 0.4129, 0.6020

Inverse Universe

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



43.6471, 39.4722, 47.4384



73.2612, 63.9651, 78.3837



44.6380, 52.1393, 61.7445



10.8513, 10.7239, 12.2003



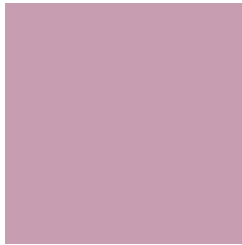
16.6528, 8.4107, 8.6474



0.8251, 0.4129, 0.6020

Previews

White Background



This preview shows how the XYZ color 43.6460, 39.4704, 47.4376 looks on a white background.

Color Contrast Check

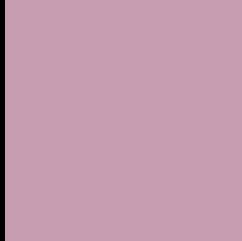
Large Text (above 18pt) WCAG AA × Fail

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 43.6460, 39.4704, 47.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

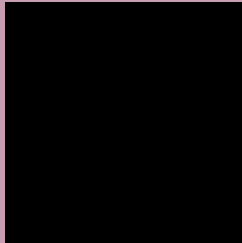
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6460, 39.4704, 47.4376

Background



This preview shows how black text looks on a background with the XYZ color 43.6460, 39.4704, 47.4376.



This preview shows how white text looks on a background with the XYZ color 43.6460, 39.4704,

47.4376.

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

43.6460, 39.4704, 47.4376

Protanopia

38.6959, 39.7235, 51.5269

Deuteranopia

40.5027, 39.6703, 47.1174



Tritanopia

42.8662, 39.3998, 43.8737

Trichromacy



Original Color

43.6460, 39.4704, 47.4376

Protanomaly

40.3094, 39.5120, 49.7580

Deuteranomaly

41.4197, 39.3554, 47.0083

Tritanomaly

43.1555, 39.5155, 45.3971

Monochromacy



Original Color

43.6460, 39.4704, 47.4376

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.7501, 40.6385, 45.7407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6460, 39.4704, 47.4376 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(199, 157, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 157, 178)  
}
```

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(199, 157, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 157, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.6460, 39.4704, 47.4376 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(199, 157, 178) }
```


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

```
.border{ border-color:rgb(199, 157, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 157, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 157, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 157, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 157,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6460, 39.4704, 47.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 157, 178) }
```

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

```
.background{ background-color: rgb(199,  
157, 178) }
```

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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