

Converting Colors

XYZ(47.8319, 44.1779, 51.1530)

Have a look what the booklet for
XYZ(47.8319, 44.1779, 51.1530)
contains.

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Color

**XYZ(47.9240, 44.2199,
51.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA7B8
RGB	206, 167, 184
RGB Percent	81%, 65%, 72%
CMY	0.1922, 0.3451, 0.2784
CMYK	0.00, 0.19, 0.11, 0.19
HSL	334°, 28%, 73%
HSV	334°, 19%, 81%
XYZ	47.9240, 44.2199, 51.3568
YIQ	180.5990, 17.7870, 13.5550

Conversions

Conversions Part 2

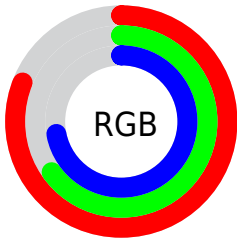
Format	Color
R _Y B	206, 167, 184
Decimal	13543352
CIE Lab	72.38, 17.03, -3.31
CIE LCh	72, 17.353, 348.996
Yxy	44.2199, 0.3340, 0.3082
Android (android.graphics.Color)	4291733432 (0xFFCEA7B8)
YUV	180.5990, 1.6767, 22.2767
Hunter-Lab	66.4980, 12.2703, 0.7586

Details

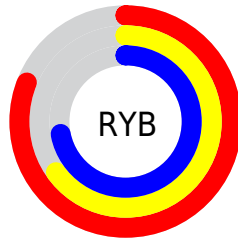
The XYZ color **47.9240, 44.2199, 51.3568** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1947, 56.0333, 56.4748**, and the grayscale version is **43.6901, 45.9654, 50.0563**.

A 20% lighter version of the original color is **83.0895, 79.7938, 93.4605**, and **22.9900, 20.4795, 24.2140** is the 20% darker color. If you saturate the color by 10%, you get **43.2781, 36.7979, 44.0428**, and if you desaturate by 10%, it is **53.2737, 52.8882, 59.4003**.

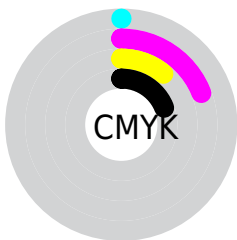
Distribution



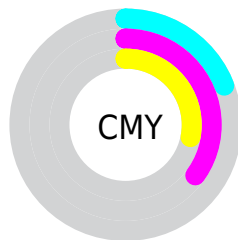
- Red (81%)
- Green (65%)
- Blue (72%)



- Red (81%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9240, 44.2199, 51.3568 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 47.9240, 44.2199, 51.3568 by changing the saturation by 10% instead.


 47.9240, 44.2199,
51.3568


 47.9240, 44.2199,
51.3568


369.0784,
363.6049, 408.8345

 33.9777, 30.8434,
36.1139


 86.3016, 81.5485,
93.5989

 23.0393, 20.4796,
24.2318


 111.4637,
106.2695, 121.4351

 14.7434, 12.7442,
15.2919


141.0950,
135.5407, 154.3063

 8.7246, 7.2526,
8.8756

175.5609,
169.7466, 192.6309

 4.6177, 3.6206,
4.5644

215.2269,
209.2716, 236.8275

 2.0572, 1.4637,
1.9398

260.4583,

 0.6658, 0.2630,

254.5000, 287.3146

0.5179

311.6203,
305.8163, 344.5108

■ 0.0000, 0.0000,
0.0000

■ 47.9240, 44.2199,
51.3568

■ 47.9240, 44.2199,
51.3568

■ 43.2781, 36.7979,
44.0428

■ 53.2737, 52.8882,
59.4003

■ 39.3014, 30.5584,
37.4333

■ 59.3521, 62.8507,
68.1914

■ 35.9620, 25.4411,
31.5060

■ 66.1878, 74.1602,
77.7512

■ 33.2236, 21.3778,
26.2362

■ 73.8064, 86.8646,
88.0989

■ 31.0465, 18.2928,
21.5970

■ 77.2572, 91.0593,
97.5947

■ 29.3852, 16.1003,
17.5596

■ 79.0601, 91.7804,
107.0885

■ 28.1870, 14.6992,
14.0916

■ 79.2638, 91.8619,
108.1612

■ 27.3673, 13.9256,
11.1494

■ 27.2901, 13.8564,
10.8611

Harmonies

Analogous

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



46.5152, 44.2199, 59.7680



47.9240, 44.2199, 51.3568



47.6982, 44.2199, 42.9894

Triad

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



47.9240, 44.2199, 51.3568



40.1876, 44.2199, 34.2082



38.3725, 44.2199, 61.6601

Complementary

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



47.9240, 44.2199, 51.3568



47.1947, 56.0333, 56.4748

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.



36.8291, 44.2199, 53.7035



47.9240, 44.2199, 51.3568



37.8422, 44.2199, 38.1410

Square

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



47.9240, 44.2199, 51.3568



43.1357, 44.2199, 33.7379



36.6397, 44.2199, 45.0756



40.9428, 44.2199, 66.1685

Rectangle

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



47.9240, 44.2199, 51.3568



46.6538, 44.2199, 38.5204



36.6397, 44.2199, 45.0756



37.7217, 44.2199, 59.2592

Sweetspot

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



47.9253, 44.2219, 51.3577



89.0030, 90.0802, 100.1818



45.8110, 42.8444, 64.2483



18.9151, 19.0599, 21.2458



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.



47.9253, 44.2219, 51.3577



74.2320, 66.1672, 77.9048



46.6088, 44.2712, 42.6502



11.4120, 11.2935, 12.7041



16.8511, 8.5510, 6.9346



0.9072, 0.4563, 0.5572

Inverse Universe

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



47.9253, 44.2219, 51.3577



74.2320, 66.1672, 77.9048



48.6830, 55.8823, 66.6135



11.4120, 11.2935, 12.7041



16.8511, 8.5510, 6.9346



0.9072, 0.4563, 0.5572

Previews

White Background



This preview shows how the XYZ color 47.9240, 44.2199, 51.3568 looks on a white background.

Color Contrast Check

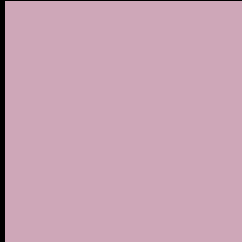
Large Text (above 18pt) WCAG AA × Fail

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 47.9240, 44.2199, 51.3568 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 47.9240, 44.2199, 51.3568

Background



This preview shows how black text looks on a background with the XYZ color 47.9240, 44.2199, 51.3568.



This preview shows how white text looks on a background with the XYZ color 47.9240, 44.2199, 51.3568.

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

47.9240, 44.2199, 51.3568

Protanopia

43.1479, 44.5091, 55.0322

Deuteranopia

45.0380, 44.1304, 50.9440



Tritanopia

47.7967, 44.4633, 49.7792

Trichromacy



Original Color

47.9240, 44.2199, 51.3568

Protanomaly

44.7597, 44.2093, 53.7511

Deuteranomaly

45.9479, 44.0387, 50.8783

Tritanomaly

47.8997, 44.5045, 50.3216

Monochromacy



Original Color

47.9240, 44.2199, 51.3568

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.2040, 45.3752, 50.6318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9240, 44.2199, 51.3568 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(206, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(206, 167, 184)  
}
```

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(206, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 167, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.9240, 44.2199, 51.3568 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(206, 167, 184) }
```


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

```
.border{ border-color:rgb(206, 167, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 167,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9240, 44.2199, 51.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 167, 184) }
```

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

```
.background{ background-color: rgb(206,  
167, 184) }
```

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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