

Converting Colors

XYZ(47.1642, 44.3036, 55.5315)

Have a look what the booklet for
XYZ(47.1642, 44.3036, 55.5315)
contains.

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Color

**XYZ(47.1451, 44.2796,
55.3522)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A9BF
RGB	199, 169, 191
RGB Percent	78%, 66%, 75%
CMY	0.2196, 0.3372, 0.2510
CMYK	0.00, 0.15, 0.04, 0.22
HSL	316°, 21%, 72%
HSV	316°, 15%, 78%
XYZ	47.1451, 44.2796, 55.3522
YIQ	180.4780, 10.8180, 13.2020

Conversions

Conversions Part 2

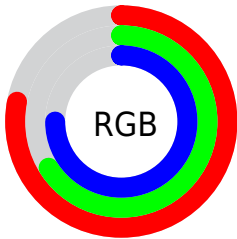
Format	Color
RYB	199, 169, 191
Decimal	13085119
CIELab	72.41, 14.70, -7.18
CIELCh	72, 16.356, 333.958
Yxy	44.2796, 0.3212, 0.3017
Android (android.graphics.Color)	4291275199 (0xFFC7A9BF)
YUV	180.4780, 5.1873, 16.2438
Hunter-Lab	66.5429, 10.0156, -2.7390

Details

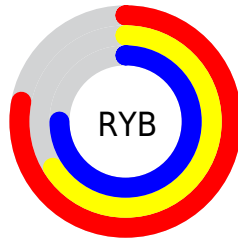
The XYZ color **47.1451, 44.2796, 55.3522** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7231, 52.4574, 49.3655**, and the grayscale version is **43.6093, 45.8804, 49.9637**.

A 20% lighter version of the original color is **84.6842, 81.2867, 99.2223**, and **22.6258, 20.5773, 26.8241** is the 20% darker color. If you saturate the color by 10%, you get **43.1479, 37.2024, 51.1905**, and if you desaturate by 10%, it is **51.7295, 52.4960, 59.8151**.

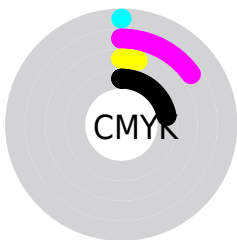
Distribution



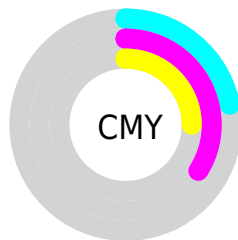
- Red (78%)
- Green (66%)
- Blue (75%)



- Red (78%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1451, 44.2796, 55.3522 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 47.1451, 44.2796, 55.3522 by changing the saturation by 10% instead.


 47.1451, 44.2796,
55.3522

 47.1451, 44.2796,
55.3522


366.0327,
363.8480, 424.5651

 33.3588, 30.8904,
39.2833


 85.1476, 81.6383,
99.5331

 22.5620, 20.5154,
26.6706


 110.0945,
106.3766, 128.4822

 14.3893, 12.7702,
17.0958


139.4923,
135.6667, 162.5617

 8.4755, 7.2705,
10.1401

173.7064,
169.8930, 202.1902

 4.4550, 3.6319,
5.3851

213.1022,
209.4398, 247.7863

 1.9626, 1.4698,
2.4123

258.0449,

 0.6128, 0.2674,

254.6917, 299.7684

0.7931

308.8999,
306.0330, 358.5552

■ 0.0000, 0.0000,
0.0000

■ 47.1451, 44.2796,
55.3522

■ 47.1451, 44.2796,
55.3522

■ 43.1479, 37.2024,
51.1905

■ 51.7295, 52.4960,
59.8151

■ 39.7083, 31.2077,
47.3175

■ 56.9213, 61.8936,
64.5854

■ 36.8003, 26.2428,
43.7240

■ 62.7443, 72.5190,
69.6728

■ 34.3937, 22.2481,
40.3987

■ 69.2200, 84.4148,
75.0853

■ 32.4556, 19.1579,
37.3295

■ 71.9079, 88.7001,
79.3438

■ 30.9489, 16.8984,
34.5029

■ 72.6119, 88.9816,
83.0507

■ 29.8305, 15.3840,
31.9035

■ 73.3382, 89.2722,
86.8757

■ 29.0482, 14.5104,
29.5124

■ 74.0872, 89.5718,
90.8198

■ 28.7362, 14.2153,
28.3940

■ 74.8591, 89.8805,
94.8842

Harmonies

Analogous

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



45.1863, 44.2796, 62.2645



47.1451, 44.2796, 55.3522



47.7269, 44.2796, 47.1498

Triad

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



47.1451, 44.2796, 55.3522



41.7135, 44.2796, 34.3292



37.7500, 44.2796, 57.4113

Complementary

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



47.1451, 44.2796, 55.3522



44.7231, 52.4574, 49.3655

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.



36.9088, 44.2796, 49.2920



47.1451, 44.2796, 55.3522



39.1316, 44.2796, 36.4525

Square

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



47.1451, 44.2796, 55.3522



44.5105, 44.2796, 35.5708



37.4032, 44.2796, 41.7156



39.7520, 44.2796, 63.5433

Rectangle

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



47.1451, 44.2796, 55.3522



47.2350, 44.2796, 42.1820



37.4032, 44.2796, 41.7156



37.3263, 44.2796, 54.7930

Sweetspot

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



47.1464, 44.2815, 55.3531



90.5739, 91.9161, 104.7310



42.6300, 41.8487, 59.8643



19.2566, 19.4399, 22.2937



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.



47.1464, 44.2815, 55.3531



80.2062, 73.3665, 94.5368



45.5791, 43.6546, 47.1002



10.9577, 10.7665, 12.7605



18.5157, 9.1558, 18.4574



0.9056, 0.4451, 1.0260

Inverse Universe

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



47.1464, 44.2815, 55.3531



80.2062, 73.3665, 94.5368



46.3015, 53.0887, 57.6771



10.9577, 10.7665, 12.7605



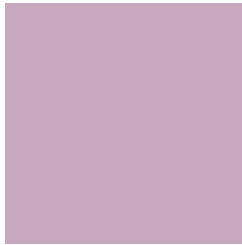
18.5157, 9.1558, 18.4574



0.9056, 0.4451, 1.0260

Previews

White Background



This preview shows how the XYZ color 47.1451, 44.2796, 55.3522 looks on a white background.

Color Contrast Check

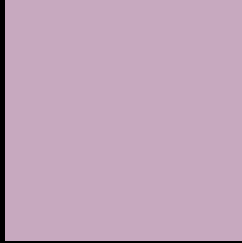
Large Text (above 18pt) WCAG AA × Fail

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 47.1451, 44.2796, 55.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

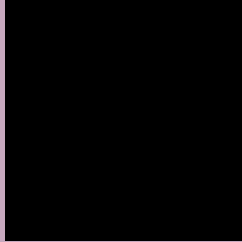
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1451, 44.2796, 55.3522

Background



This preview shows how black text looks on a background with the XYZ color 47.1451, 44.2796, 55.3522.



This preview shows how white text looks on a background with the XYZ color 47.1451, 44.2796,

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

47.1451, 44.2796, 55.3522

Protanopia

43.5904, 44.6599, 58.5473

Deuteranopia

45.2241, 44.4237, 54.9063



Tritanopia

46.3152, 44.2159, 51.4409

Trichromacy



Original Color

47.1451, 44.2796, 55.3522

Protanomaly

44.6408, 44.3575, 57.2480

Deuteranomaly

46.0391, 44.5602, 54.8897

Tritanomaly

46.6331, 44.3431, 53.1149

Monochromacy



Original Color

47.1451, 44.2796, 55.3522

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.6706, 45.0762, 51.6936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1451, 44.2796, 55.3522 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, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 169, 191)  
}
```

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, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 169, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.1451, 44.2796, 55.3522 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, 169, 191) }
```


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

```
.border{ border-color:rgb(199, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 169, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 169, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 169,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1451, 44.2796, 55.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 169, 191) }
```

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

```
.background{ background-color: rgb(199,  
169, 191) }
```

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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