

Converting Colors

XYZ(47.7277, 43.3092, 44.2057)

Have a look what the booklet for
XYZ(47.7277, 43.3092, 44.2057)
contains.

XYZ(47.5993, 43.1317, 44.3446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.5993, 43.1317,
44.3446)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A3AB
RGB	212, 163, 171
RGB Percent	83%, 64%, 67%
CMY	0.1686, 0.3608, 0.3294
CMYK	0.00, 0.23, 0.19, 0.17
HSL	350°, 36%, 74%
HSV	350°, 23%, 83%
XYZ	47.5993, 43.1317, 44.3446
YIQ	178.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

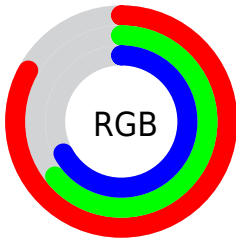
Format	Color
R _Y B	212, 163, 171
Decimal	13935531
CIE Lab	71.64, 19.28, 2.86
CIE LCh	72, 19.495, 8.443
Yxy	43.1317, 0.3524, 0.3193
Android (android.graphics.Color)	4292125611 (0xFFD4A3AB)
YUV	178.5630, -3.7286, 29.3242
Hunter-Lab	65.6747, 14.4413, 5.9388

Details

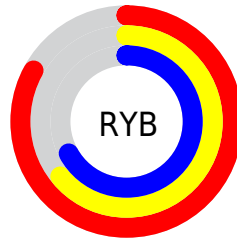
The XYZ color **47.5993, 43.1317, 44.3446** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5486, 59.2343, 65.9515**, and the grayscale version is **42.6256, 44.8454, 48.8367**.

A 20% lighter version of the original color is **80.0389, 76.8938, 82.5750**, and **22.9188, 19.8689, 20.0799** is the 20% darker color. If you saturate the color by 10%, you get **42.5670, 35.5937, 34.8769**, and if you desaturate by 10%, it is **53.4920, 52.0263, 55.2198**.

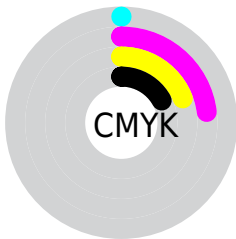
Distribution



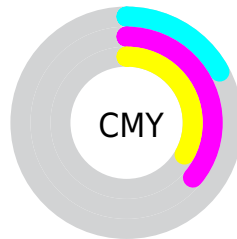
- Red (83%)
- Green (64%)
- Blue (67%)



- Red (83%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5993, 43.1317, 44.3446 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 47.5993, 43.1317, 44.3446 by changing the saturation by 10% instead.


 47.5993, 43.1317,
44.3446


 47.5993, 43.1317,
44.3446


367.8107,
359.1531, 380.1951

 33.7196, 29.9885,
30.6023


 85.8208, 79.9096,
83.0440

 22.8401, 19.8298,
20.0403

 110.8933,
104.3130, 108.8383

 14.5956, 12.2714,
12.2400


140.4275,
133.2386, 139.4869

 8.6205, 6.9288,
6.7828

174.7887,
167.0707, 175.4085

 4.5496, 3.4176,
3.2503

214.3423,
206.1939, 217.0216

 2.0175, 1.3534,
1.2238

259.4536,

 0.6438, 0.1820,

250.9924, 264.7447

0.0000

310.4879,
301.8507, 318.9963

■ 0.0000, 0.0000,
0.0000

■ 47.5993, 43.1317,
44.3446

■ 47.5993, 43.1317,
44.3446

■ 42.5670, 35.5937,
34.8769

■ 53.4920, 52.0263,
55.2198

■ 38.3510, 29.3401,
26.7563

■ 60.2792, 62.3336,
67.5543

■ 34.9089, 24.3005,
19.9218

■ 67.9975, 74.1135,
81.4003

■ 32.1928, 20.3960,
14.3069

■ 76.6805, 87.4209,
96.8070

■ 30.1494, 17.5377,
9.8387

■ 80.9616, 92.7372,
108.2407

■ 28.7180, 15.6237,
6.4365

■ 27.8264, 14.5315,
4.0085

■ 27.4490, 14.1161,
2.8370

Harmonies

Analogous

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



47.1861, 43.1317, 53.9634



47.5993, 43.1317, 44.3446



46.1700, 43.1317, 36.5443

Triad

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



47.5993, 43.1317, 44.3446



37.1746, 43.1317, 34.1167



38.7073, 43.1317, 65.9779

Complementary

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



47.5993, 43.1317, 44.3446



49.5486, 59.2343, 65.9515

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.



36.2226, 43.1317, 59.1948



47.5993, 43.1317, 44.3446



35.3713, 43.1317, 40.5960

Square

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



47.5993, 43.1317, 44.3446



40.0706, 43.1317, 31.1803



35.0324, 43.1317, 49.6827



41.9343, 43.1317, 67.3349

Rectangle

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



47.5993, 43.1317, 44.3446



44.4075, 43.1317, 33.1148



35.0324, 43.1317, 49.6827



37.7627, 43.1317, 64.2169

Sweetspot

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



47.6005, 43.1337, 44.3455



87.3052, 88.2103, 94.9121



49.8384, 43.7637, 68.1083



18.5510, 18.6742, 20.0684



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.



47.6005, 43.1337, 44.3455



68.1764, 59.3266, 59.6375



49.9506, 49.0171, 41.4813



12.5051, 12.4535, 13.3341



16.9701, 8.7244, 1.8808



1.0498, 0.5367, 0.2514

Inverse Universe

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



47.6005, 43.1337, 44.3455



68.1764, 59.3266, 59.6375



46.6544, 51.8712, 69.8411



12.5051, 12.4535, 13.3341



16.9701, 8.7244, 1.8808



1.0498, 0.5367, 0.2514

Previews

White Background



This preview shows how the XYZ color 47.5993, 43.1317, 44.3446 looks on a white background.

Color Contrast Check

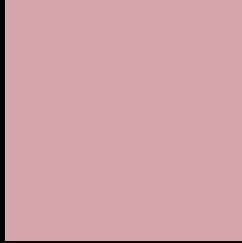
Large Text (above 18pt) WCAG AA × Fail

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 47.5993, 43.1317, 44.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

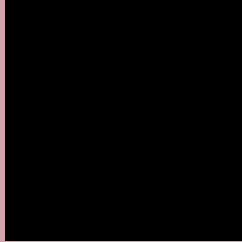
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5993, 43.1317, 44.3446

Background



This preview shows how black text looks on a background with the XYZ color 47.5993, 43.1317, 44.3446.



This preview shows how white text looks on a background with the XYZ color 47.5993, 43.1317,

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

47.5993, 43.1317, 44.3446

Protanopia

41.7260, 43.3393, 48.2856

Deuteranopia

44.1361, 43.2538, 44.0528



Tritanopia

47.8096, 42.9329, 46.3245

Trichromacy



Original Color

47.5993, 43.1317, 44.3446

Protanomaly

43.5360, 43.1681, 46.5951

Deuteranomaly

45.1618, 42.9572, 43.9415

Tritanomaly

47.7117, 42.8937, 45.8090

Monochromacy



Original Color

47.5993, 43.1317, 44.3446

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.2659, 44.0981, 47.2530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5993, 43.1317, 44.3446 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(212, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(212, 163, 171)  
}
```

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(212, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 163, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.5993, 43.1317, 44.3446 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(212, 163, 171) }
```


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

```
.border{ border-color:rgb(212, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 163,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5993, 43.1317, 44.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 163, 171) }
```

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

```
.background{ background-color: rgb(212,  
163, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor