

Converting Colors

XYZ(47.7914, 44.3503, 45.8605)

Have a look what the booklet for
XYZ(47.7914, 44.3503, 45.8605)
contains.

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Color

**XYZ(47.7532, 44.2487,
46.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A7AE
RGB	209, 167, 174
RGB Percent	82%, 65%, 68%
CMY	0.1804, 0.3451, 0.3176
CMYK	0.00, 0.20, 0.17, 0.18
HSL	350°, 31%, 74%
HSV	350°, 20%, 82%
XYZ	47.7532, 44.2487, 46.0684
YIQ	180.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

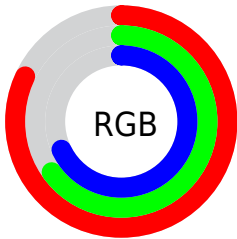
Format	Color
R _Y B	209, 167, 174
Decimal	13739950
CIE Lab	72.39, 16.48, 2.26
CIE LCh	72, 16.632, 7.806
Yxy	44.2487, 0.3459, 0.3205
Android (android.graphics.Color)	4291930030 (0xFFD1A7AE)
YUV	180.3560, -3.1335, 25.1208
Hunter-Lab	66.5197, 11.7322, 5.5023

Details

The XYZ color **47.7532, 44.2487, 46.0684** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3992, 58.0818, 64.4872**, and the grayscale version is **43.5824, 45.8521, 49.9330**.

A 20% lighter version of the original color is **81.5041, 79.1597, 85.1124**, and **22.9700, 20.5366, 21.1657** is the 20% darker color. If you saturate the color by 10%, you get **42.6400, 36.5656, 36.5224**, and if you desaturate by 10%, it is **53.7079, 53.2614, 56.9823**.

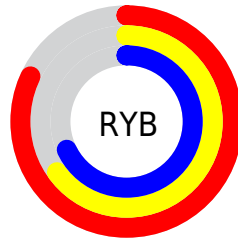
Distribution



Red (82%)

Green (65%)

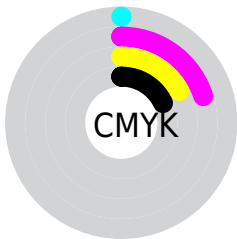
Blue (68%)



Red (82%)

Yellow (65%)

Blue (68%)

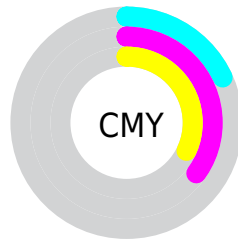


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7532, 44.2487, 46.0684 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 47.7532, 44.2487, 46.0684 by changing the saturation by 10% instead.


 47.7532, 44.2487,
46.0684


 47.7532, 44.2487,
46.0684


368.4119,
363.7222, 387.3691

 33.8419, 30.8661,
31.9507

 86.0488, 81.5918,
85.6567

 22.9345, 20.4969,
21.0594

 111.1637,
106.3212, 111.9645

 14.6656, 12.7567,
12.9757

140.7440,
135.6015, 143.1726

 8.6698, 7.2613,
7.2813

175.1549,
169.8172, 179.6998

 4.5818, 3.6260,
3.5575

214.7618,
209.3528, 221.9645

 2.0363, 1.4666,
1.3859

259.9300,

 0.6542, 0.2651,

254.5925, 270.3853

0.1307

311.0249,
305.9209, 325.3806

■ 0.0000, 0.0000,
0.0000

■ 47.7532, 44.2487,
46.0684

■ 47.7532, 44.2487,
46.0684

■ 42.6400, 36.5656,
36.5224

■ 53.7079, 53.2614,
56.9823

■ 38.3265, 30.1435,
28.2875

■ 60.5359, 63.6562,
69.3126

■ 34.7729, 24.9164,
21.3067

■ 68.2722, 75.4901,
83.1085

■ 31.9344, 20.8102,
15.5179

■ 76.9484, 88.8153,
98.4162

■ 29.7615, 17.7425,
10.8536

■ 80.1047, 92.2954,
108.2006

■ 28.1982, 15.6192,
7.2392

■ 27.1790, 14.3295,
4.5909

■ 26.5954, 13.6757,
2.8139

Harmonies

Analogous

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



47.3657, 44.2487, 54.3867



47.7532, 44.2487, 46.0684



46.5605, 44.2487, 39.1424

Triad

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



47.7532, 44.2487, 46.0684



38.7704, 44.2487, 36.7603



40.0107, 44.2487, 64.3101

Complementary

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



47.7532, 44.2487, 46.0684



49.3992, 58.0818, 64.4872

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.



37.8538, 44.2487, 58.5099



47.7532, 44.2487, 46.0684



37.1607, 44.2487, 42.4632

Square

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



47.7532, 44.2487, 46.0684



41.3134, 44.2487, 34.1804



36.8329, 44.2487, 50.3537



42.8096, 44.2487, 65.5576

Rectangle

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



47.7532, 44.2487, 46.0684



45.0603, 44.2487, 36.0255



36.8329, 44.2487, 50.3537



39.1903, 44.2487, 62.7988

Sweetspot

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



47.7544, 44.2507, 46.0693



88.3763, 89.8295, 96.8814



49.6859, 44.7995, 66.3505



18.7673, 19.0008, 20.4674



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.



47.7544, 44.2507, 46.0693



71.3859, 64.1140, 65.7368



49.7948, 49.3948, 43.4713



11.8879, 11.8399, 12.6857



16.4225, 8.4418, 1.8649



0.9437, 0.4822, 0.2385

Inverse Universe

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



47.7544, 44.2507, 46.0693



71.3859, 64.1140, 65.7368



46.9617, 51.8507, 67.8551



11.8879, 11.8399, 12.6857



16.4225, 8.4418, 1.8649



0.9437, 0.4822, 0.2385

Previews

White Background



This preview shows how the XYZ color 47.7532, 44.2487, 46.0684 looks on a white background.

Color Contrast Check

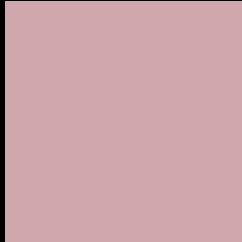
Large Text (above 18pt) WCAG AA × Fail

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 47.7532, 44.2487, 46.0684 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 47.7532, 44.2487, 46.0684

Background



This preview shows how black text looks on a background with the XYZ color 47.7532, 44.2487, 46.0684.



This preview shows how white text looks on a background with the XYZ color 47.7532, 44.2487,

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

47.7532, 44.2487, 46.0684

Protanopia

42.7828, 44.4429, 49.5035

Deuteranopia

45.3213, 44.3925, 45.7151



Tritanopia

48.3512, 44.2287, 48.6364

Trichromacy



Original Color

47.7532, 44.2487, 46.0684

Protanomaly

44.4653, 44.1779, 48.3031

Deuteranomaly

46.0049, 44.1841, 45.6388

Tritanomaly

48.1504, 44.1484, 47.5787

Monochromacy



Original Color

47.7532, 44.2487, 46.0684

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.8517, 44.9507, 48.4319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7532, 44.2487, 46.0684 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(209, 167, 174)` looks like.

```
.text, #text, p{  
    color:rgb(209, 167, 174)  
}
```

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(209, 167, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 167, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.7532, 44.2487, 46.0684 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(209, 167, 174) }
```


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

```
.border{ border-color:rgb(209, 167, 174) }
```

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

Here you see how a box with a 4 pixel rgb(209, 167, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(209, 167,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7532, 44.2487, 46.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 167, 174) }
```

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

```
.background{ background-color: rgb(209,  
167, 174) }
```

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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