

Converting Colors

XYZ(47.6233, 44.1067, 44.3692)

Have a look what the booklet for
XYZ(47.6233, 44.1067, 44.3692)
contains.

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Color

**XYZ(47.7477, 44.2793,
44.5583)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A7AB
RGB	210, 167, 171
RGB Percent	82%, 65%, 67%
CMY	0.1765, 0.3451, 0.3294
CMYK	0.00, 0.20, 0.19, 0.18
HSL	354°, 32%, 74%
HSV	354°, 20%, 82%
XYZ	47.7477, 44.2793, 44.5583
YIQ	180.3130, 24.3440, 10.3600

Conversions

Conversions Part 2

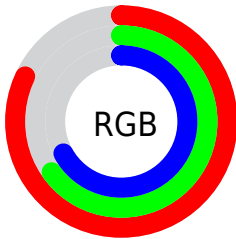
Format	Color
R _Y B	210, 167, 171
Decimal	13805483
CIE Lab	72.41, 16.38, 3.95
CIE LCh	72, 16.846, 13.572
Yxy	44.2793, 0.3496, 0.3242
Android (android.graphics.Color)	4291995563 (0xFFD2A7AB)
YUV	180.3130, -4.5913, 26.0355
Hunter-Lab	66.5427, 11.6329, 6.8781

Details

The XYZ color **47.7477, 44.2793, 44.5583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1252, 58.7659, 67.0963**, and the grayscale version is **43.5663, 45.8351, 49.9145**.

A 20% lighter version of the original color is **81.0887, 78.9935, 82.9249**, and **22.9781, 20.5619, 20.2105** is the 20% darker color. If you saturate the color by 10%, you get **42.5218, 36.5265, 34.4948**, and if you desaturate by 10%, it is **53.8625, 53.3902, 56.2100**.

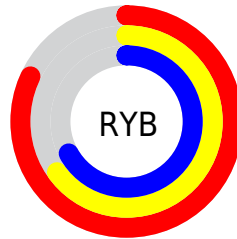
Distribution



Red (82%)

Green (65%)

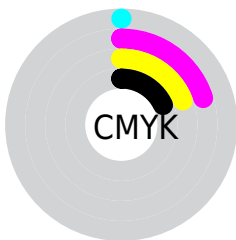
Blue (67%)



Red (82%)

Yellow (65%)

Blue (67%)

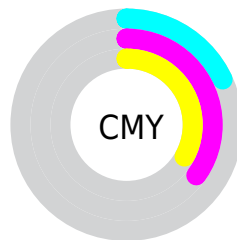


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7477, 44.2793, 44.5583 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 47.7477, 44.2793, 44.5583 by changing the saturation by 10% instead.


 47.7477, 44.2793,
44.5583


 47.7477, 44.2793,
44.5583


368.3905,
363.8468, 381.0895

 33.8375, 30.8901,
30.7692


 86.0406, 81.6379,
83.3686

 22.9311, 20.5152,
20.1662


 111.1541,
106.3760, 109.2269

 14.6631, 12.7701,
12.3306


140.7327,
135.6660, 139.9454

 8.6680, 7.2704,
6.8440

175.1418,
169.8922, 175.9427

 4.5807, 3.6318,
3.2878

214.7468,
209.4390, 217.6372

 2.0356, 1.4698,
1.2434

259.9130,

 0.6538, 0.2673,

254.6908, 265.4474

0.0147

311.0058,
306.0319, 319.7920

■ 0.0000, 0.0000,
0.0000

■ 47.7477, 44.2793,
44.5583

■ 47.7477, 44.2793,
44.5583

■ 42.5218, 36.5265,
34.4948

■ 53.8625, 53.3902,
56.2100

■ 38.1398, 30.0610,
25.9480

■ 60.9009, 63.9135,
69.5117

■ 34.5584, 24.8150,
18.8452

■ 68.9006, 75.9078,
84.5252

■ 31.7290, 20.7117,
13.1063

■ 77.8958, 89.4267,
101.3083

■ 29.5975, 17.6660,
8.6438

■ 80.3885, 92.4417,
108.2139

■ 28.1029, 15.5805,
5.3595

■ 27.1732, 14.3400,
3.1411

■ 26.7005, 13.7505,
1.8864

Harmonies

Analogous

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



47.6694, 44.2793, 52.8757



47.7477, 44.2793, 44.5583



46.2605, 44.2793, 38.0137

Triad

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



47.7477, 44.2793, 44.5583



38.3554, 44.2793, 37.5349



40.5274, 44.2793, 65.2259

Complementary

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



47.7477, 44.2793, 44.5583



50.1252, 58.7659, 67.0963

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.



38.1708, 44.2793, 60.0899



47.7477, 44.2793, 44.5583



36.9568, 44.2793, 43.8321

Square

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



47.7477, 44.2793, 44.5583



40.7900, 44.2793, 34.2848



36.8908, 44.2793, 52.0615



43.4094, 44.2793, 65.4785

Rectangle

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



47.7477, 44.2793, 44.5583



44.6193, 44.2793, 35.2692



36.8908, 44.2793, 52.0615



39.6508, 44.2793, 63.9888

Sweetspot

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



47.7489, 44.2813, 44.5592



88.2073, 89.7619, 95.9915



50.8232, 45.3715, 67.0520



18.7275, 18.9849, 20.2578



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.



47.7489, 44.2813, 44.5592



70.0235, 62.6700, 61.3346



50.7367, 50.8574, 43.7040



11.8527, 11.8258, 12.5003



16.3033, 8.3941, 1.2373



0.9273, 0.4756, 0.1518

Inverse Universe

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



47.7489, 44.2813, 44.5592



70.0235, 62.6700, 61.3346



46.5966, 50.9218, 68.3461



11.8527, 11.8258, 12.5003



16.3033, 8.3941, 1.2373



0.9273, 0.4756, 0.1518

Previews

White Background



This preview shows how the XYZ color 47.7477, 44.2793, 44.5583 looks on a white background.

Color Contrast Check

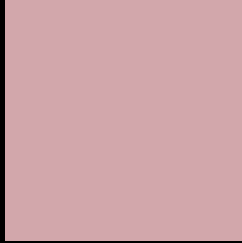
Large Text (above 18pt) WCAG AA × Fail

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 47.7477, 44.2793, 44.5583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

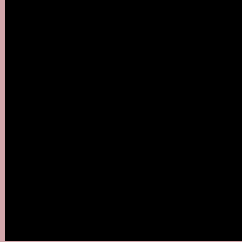
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7477, 44.2793, 44.5583

Background



This preview shows how black text looks on a background with the XYZ color 47.7477, 44.2793, 44.5583.



This preview shows how white text looks on a background with the XYZ color 47.7477, 44.2793,

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

47.7477, 44.2793, 44.5583

Protanopia

42.7140, 44.4424, 47.9219

Deuteranopia

45.2969, 44.4131, 44.2154



Tritanopia

48.6369, 44.3760, 48.6498

Trichromacy



Original Color

47.7477, 44.2793, 44.5583

Protanomaly

44.4197, 44.1888, 46.7456

Deuteranomaly

45.9875, 44.2083, 44.1395

Tritanomaly

48.3367, 44.2559, 47.0689

Monochromacy



Original Color

47.7477, 44.2793, 44.5583

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.7516, 44.9106, 47.9049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7477, 44.2793, 44.5583 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(210, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 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(210, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.7477, 44.2793, 44.5583 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(210, 167, 171) }
```


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

```
.border{ border-color:rgb(210, 167, 171) }
```

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

Here you see how a box with a 4 pixel rgb(210, 167, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7477, 44.2793, 44.5583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 171) }
```

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

```
.background{ background-color: rgb(210,  
167, 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](#).

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