

Converting Colors

XYZ(49.0002, 44.5459, 41.9516)

Have a look what the booklet for
XYZ(49.0002, 44.5459, 41.9516)
contains.

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Color

**XYZ(48.9533, 44.4152,
42.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A5A6
RGB	217, 165, 166
RGB Percent	85%, 65%, 65%
CMY	0.1490, 0.3529, 0.3490
CMYK	0.00, 0.24, 0.24, 0.15
HSL	359°, 41%, 75%
HSV	359°, 24%, 85%
XYZ	48.9533, 44.4152, 42.0693
YIQ	180.6620, 30.6710, 11.3350

Conversions

Conversions Part 2

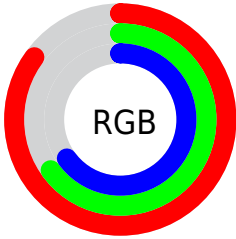
Format	Color
R _Y B	217, 165, 166
Decimal	14263718
CIE Lab	72.51, 19.30, 6.93
CIE LCh	73, 20.508, 19.740
Yxy	44.4152, 0.3614, 0.3279
Android (android.graphics.Color)	4292453798 (0xFFD9A5A6)
YUV	180.6620, -7.2284, 31.8684
Hunter-Lab	66.6447, 14.4873, 9.2247

Details

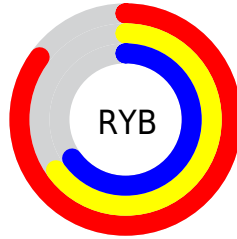
The XYZ color **48.9533, 44.4152, 42.0693** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.7264, 62.5838, 74.2697**, and the grayscale version is **43.7657, 46.0450, 50.1430**.

A 20% lighter version of the original color is **79.8843, 77.6669, 79.1875**, and **23.6403, 20.6022, 18.6502** is the 20% darker color. If you saturate the color by 10%, you get **43.5727, 36.5242, 31.4270**, and if you desaturate by 10%, it is **55.3235, 53.7677, 54.6366**.

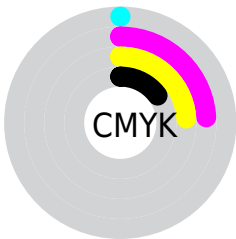
Distribution



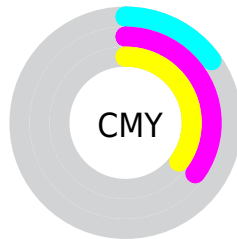
- Red (85%)
- Green (65%)
- Blue (65%)



- Red (85%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9533, 44.4152, 42.0693 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 48.9533, 44.4152, 42.0693 by changing the saturation by 10% instead.


 48.9533, 44.4152,
42.0693


 48.9533, 44.4152,
42.0693


373.0785,
364.3999, 370.5783

 34.7968, 30.9971,
28.8296

 87.8232, 81.8422,
79.5757

 23.6722, 20.5966,
18.7075


 113.2674,
106.6198, 104.6795

 15.2140, 12.8295,
11.2844


143.2048,
135.9526, 134.5751

 9.0570, 7.3112,
6.1419

178.0009,
170.2252, 169.6809

 4.8358, 3.6575,
2.8614

218.0209,
209.8218, 210.4156

 2.1850, 1.4839,
1.0243

263.6303,

 0.7348, 0.2773,

255.1268, 257.1977

0.0000

315.1943,
306.5248, 310.4458

■ 0.0000, 0.0000,
0.0000

■ 48.9533, 44.4152,
42.0693

■ 48.9533, 44.4152,
42.0693

■ 43.5727, 36.5242,
31.4270

■ 55.3235, 53.7677,
54.6366

■ 39.1288, 30.0151,
22.6123

■ 62.7257, 64.6437,
69.2145

■ 35.5690, 24.8102,
15.5230

■ 71.2041, 77.1092,
85.8867

■ 32.8344, 20.8218,
10.0462

■ 80.7993, 91.2244,
104.7314

■ 30.8586, 17.9511,
6.0553

■ 82.4253, 93.4917,
108.3092

■ 29.5653, 16.0842,
3.4050

■ 28.8618, 15.0828,
1.9208

■ 28.6381, 14.7608,
1.4591

Harmonies

Analogous

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



49.2755, 44.4152, 51.9174



48.9533, 44.4152, 42.0693



46.7699, 44.4152, 34.9547

Triad

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



48.9533, 44.4152, 42.0693



37.2300, 44.4152, 36.8223



41.0142, 44.4152, 70.1967

Complementary

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



48.9533, 44.4152, 42.0693



52.7264, 62.5838, 74.2697

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.



37.9665, 44.4152, 64.8187



48.9533, 44.4152, 42.0693



35.8640, 44.4152, 44.9701

Square

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



48.9533, 44.4152, 42.0693



39.9573, 44.4152, 32.2315



36.1258, 44.4152, 55.2498



44.5569, 44.4152, 69.1329

Rectangle

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



48.9533, 44.4152, 42.0693



44.6171, 44.4152, 32.2777



36.1258, 44.4152, 55.2498



39.9013, 44.4152, 69.0561

Sweetspot

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



48.9545, 44.4173, 42.0702



86.9257, 88.0585, 92.9135



54.0834, 46.4096, 71.7532



18.4635, 18.6392, 19.6073



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.



48.9545, 44.4173, 42.0702



66.2658, 57.7248, 52.1583



53.6630, 53.9799, 43.1908



13.0661, 13.0555, 13.6094



17.3404, 8.9372, 0.9065



1.1270, 0.5804, 0.0779

Inverse Universe

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



48.9545, 44.4173, 42.0702



66.2658, 57.7248, 52.1583



47.0543, 51.0330, 73.0161



13.0661, 13.0555, 13.6094



17.3404, 8.9372, 0.9065



1.1270, 0.5804, 0.0779

Previews

White Background



This preview shows how the XYZ color 48.9533, 44.4152, 42.0693 looks on a white background.

Color Contrast Check

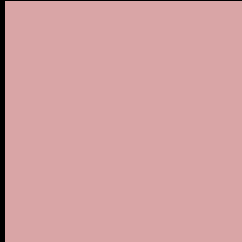
Large Text (above 18pt) WCAG AA × Fail

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 48.9533, 44.4152, 42.0693 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 48.9533, 44.4152, 42.0693

Background



This preview shows how black text looks on a background with the XYZ color 48.9533, 44.4152, 42.0693.



This preview shows how white text looks on a background with the XYZ color 48.9533, 44.4152,

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

48.9533, 44.4152, 42.0693

Protanopia

42.7934, 44.5287, 45.8746

Deuteranopia

45.3635, 44.5010, 41.7960



Tritanopia

49.8471, 44.2344, 46.9852

Trichromacy



Original Color

48.9533, 44.4152, 42.0693

Protanomaly

44.7049, 44.3915, 44.2424

Deuteranomaly

46.4331, 44.2144, 41.6842

Tritanomaly

49.6353, 44.4349, 44.9905

Monochromacy



Original Color

48.9533, 44.4152, 42.0693

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.4146, 45.2639, 47.4175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9533, 44.4152, 42.0693 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(217, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 166)  
}
```

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(217, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 48.9533, 44.4152, 42.0693 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(217, 165, 166) }
```


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

```
.border{ border-color:rgb(217, 165, 166) }
```

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

Here you see how a box with a 4 pixel rgb(217, 165, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9533, 44.4152, 42.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 166) }
```

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

```
.background{ background-color: rgb(217,  
165, 166) }
```

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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