

Converting Colors

XYZ(47.4944, 43.0216, 39.7562)

Have a look what the booklet for
XYZ(47.4944, 43.0216, 39.7562)
contains.

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Color

**XYZ(47.4662, 42.8964,
39.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A2A2
RGB	215, 162, 162
RGB Percent	84%, 64%, 64%
CMY	0.1569, 0.3647, 0.3647
CMYK	0.00, 0.25, 0.25, 0.16
HSL	0°, 40%, 74%
HSV	0°, 25%, 84%
XYZ	47.4662, 42.8964, 39.9605
YIQ	177.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

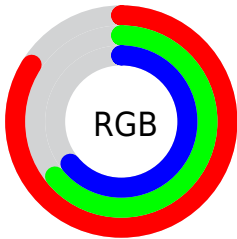
Format	Color
R _Y B	215, 162, 162
Decimal	14131874
CIE Lab	71.48, 19.60, 7.64
CIE LCh	71, 21.039, 21.301
Yxy	42.8964, 0.3642, 0.3292
Android (android.graphics.Color)	4292321954 (0xFFD7A2A2)
YUV	177.8470, -7.8126, 32.5832
Hunter-Lab	65.4953, 14.7468, 9.6723

Details

The XYZ color **47.4662, 42.8964, 39.9605** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4656, 61.1865, 73.3877**, and the grayscale version is **42.2653, 44.4664, 48.4239**.

A 20% lighter version of the original color is **78.5772, 75.8955, 76.1535**, and **22.6885, 19.6486, 17.3486** is the 20% darker color. If you saturate the color by 10%, you get **42.2474, 35.2601, 29.5843**, and if you desaturate by 10%, it is **53.6615, 51.9621, 52.2751**.

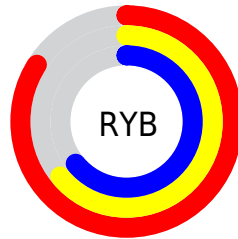
Distribution



Red (84%)

Green (64%)

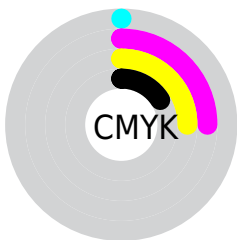
Blue (64%)



Red (84%)

Yellow (64%)

Blue (64%)

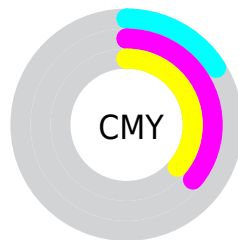


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4662, 42.8964, 39.9605 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 47.4662, 42.8964, 39.9605 by changing the saturation by 10% instead.


 47.4662, 42.8964,
39.9605


 47.4662, 42.8964,
39.9605


367.2903,
358.1855, 361.5042

 33.6138, 29.8038,
27.1942


 85.6236, 79.5545,
76.3398

 22.7586, 19.6897,
17.4854


 110.6594,
103.8888, 100.7899

 14.5351, 12.1697,
10.4156

140.1537,
132.7392, 129.9716

 8.5779, 6.8594,
5.5662

174.4718,
166.4900, 164.3035

 4.5218, 3.3743,
2.5186

213.9792,
205.5257, 204.2042

 2.0014, 1.3301,
0.8500

259.0412,

 0.6347, 0.1644,

250.2305, 250.0922

0.0000

310.0231,
300.9890, 302.3860

0.0000, 0.0000,
0.0000

47.4662, 42.8964,
39.9605

47.4662, 42.8964,
39.9605

42.2474, 35.2601,
29.5843

53.6615, 51.9621,
52.2751

37.9521, 28.9749,
21.0455

60.8758, 62.5185,
66.6171

34.5275, 23.9637,
14.2378

69.1533, 74.6308,
83.0730

31.9142, 20.1395,
9.0429

78.5347, 88.3583,
101.7236

30.0453, 17.4046,
5.3279

81.8344, 93.1871,
108.2815

■ 28.8432, 15.6455,
2.9386

■ 28.2134, 14.7238,
1.6870

■ 28.0246, 14.4475,
1.3116

Harmonies

Analogous

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



47.8966, 42.8964, 49.7256



47.4662, 42.8964, 39.9605



45.1891, 42.8964, 33.0536

Triad

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



47.4662, 42.8964, 39.9605



35.6742, 42.8964, 35.5218



39.7483, 42.8964, 68.8130

Complementary

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



47.4662, 42.8964, 39.9605



51.4656, 61.1865, 73.3877

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.



36.6520, 42.8964, 63.6812



47.4662, 42.8964, 39.9605



34.3910, 42.8964, 43.8129

Square

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



47.4662, 42.8964, 39.9605



38.3425, 42.8964, 30.7613



34.7383, 42.8964, 54.1728



43.3015, 42.8964, 67.3853

Rectangle

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



47.4662, 42.8964, 39.9605



42.9990, 42.8964, 30.5321



34.7383, 42.8964, 54.1728



38.6228, 42.8964, 67.7737

Sweetspot

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



47.4674, 42.8984, 39.9614



86.8761, 88.0393, 92.6501



53.2106, 45.1945, 70.2089



18.4520, 18.6347, 19.5466



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.



47.4674, 42.8984, 39.9614



65.3475, 56.5372, 49.8517



52.6364, 53.2365, 41.6844



12.4234, 12.4210, 12.9034



16.7621, 8.6414, 0.7845



1.0110, 0.5213, 0.0473

Inverse Universe

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



51.4656, 61.1865, 73.3877



72.2830, 88.2602, 107.8339



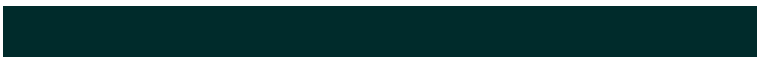
45.2566, 48.7685, 71.3180



12.7922, 14.1077, 15.9864



21.8683, 31.9984, 43.4769



1.3190, 1.9300, 2.6223

Previews

White Background



This preview shows how the XYZ color 47.4662, 42.8964, 39.9605 looks on a white background.

Color Contrast Check

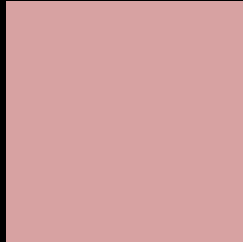
Large Text (above 18pt) WCAG AA × Fail

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 47.4662, 42.8964, 39.9605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

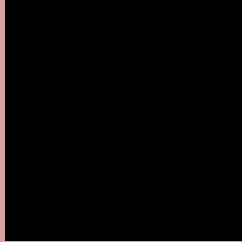
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4662, 42.8964, 39.9605

Background



This preview shows how black text looks on a background with the XYZ color 47.4662, 42.8964, 39.9605.



This preview shows how white text looks on a background with the XYZ color 47.4662, 42.8964,

39.9605.

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

47.4662, 42.8964, 39.9605

Protanopia

41.3138, 43.2278, 43.7024

Deuteranopia

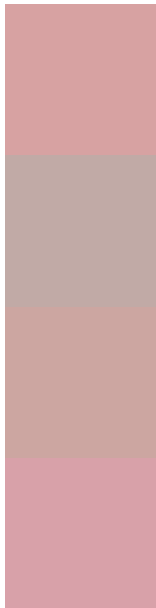
43.9097, 42.9549, 39.6950



Tritanopia

48.4325, 42.7577, 45.2355

Trichromacy



Original Color

47.4662, 42.8964, 39.9605

Protanomaly

43.2500, 42.8401, 42.0658

Deuteranomaly

44.9711, 42.6830, 39.5866

Tritanomaly

48.2252, 42.9532, 43.2852

Monochromacy



Original Color

47.4662, 42.8964, 39.9605

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.6848, 43.5600, 45.1352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4662, 42.8964, 39.9605 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(215, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(215, 162, 162)  
}
```

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(215, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 47.4662, 42.8964, 39.9605 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(215, 162, 162) }
```


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

```
.border{ border-color:rgb(215, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(215, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4662, 42.8964, 39.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 162, 162) }
```

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

```
.background{ background-color: rgb(215,  
162, 162) }
```

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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