

Converting Colors

XYZ(47.9519, 42.6239, 41.1524)

Have a look what the booklet for
XYZ(47.9519, 42.6239, 41.1524)
contains.

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Color

**XYZ(47.9776, 42.6099,
41.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A0A5
RGB	217, 160, 165
RGB Percent	85%, 63%, 65%
CMY	0.1490, 0.3725, 0.3529
CMYK	0.00, 0.26, 0.24, 0.15
HSL	355°, 43%, 74%
HSV	355°, 26%, 85%
XYZ	47.9776, 42.6099, 41.2932
YIQ	177.6130, 32.3670, 13.6390

Conversions

Conversions Part 2

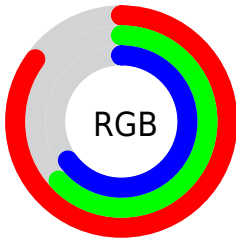
Format	Color
R _Y B	217, 160, 165
Decimal	14262437
CIE Lab	71.29, 21.86, 5.73
CIE LCh	71, 22.602, 14.691
Yxy	42.6099, 0.3638, 0.3231
Android (android.graphics.Color)	4292452517 (0xFFD9A0A5)
YUV	177.6130, -6.2182, 34.5424
Hunter-Lab	65.2763, 16.9628, 8.1870

Details

The XYZ color **47.9776, 42.6099, 41.2932** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1955, 61.8537, 71.5310**, and the grayscale version is **42.1333, 44.3275, 48.2726**.

A 20% lighter version of the original color is **78.4587, 75.0282, 78.0568**, and **23.0411, 19.4944, 18.1712** is the 20% darker color. If you saturate the color by 10%, you get **42.8743, 35.0671, 31.3792**, and if you desaturate by 10%, it is **54.0188, 51.5814, 52.8970**.

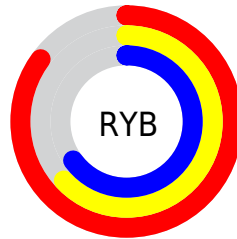
Distribution



Red (85%)

Green (63%)

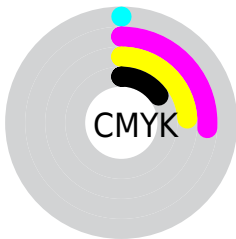
Blue (65%)



Red (85%)

Yellow (63%)

Blue (65%)

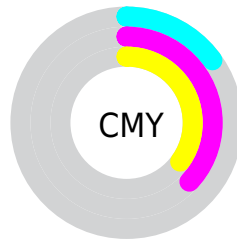


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (15%)



Cyan (15%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9776, 42.6099, 41.2932 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 47.9776, 42.6099, 41.2932 by changing the saturation by 10% instead.


 47.9776, 42.6099,
41.2932


 47.9776, 42.6099,
41.2932


369.2874,
357.0050, 367.2574

 34.0203, 29.5792,
28.2268

 86.3809, 79.1219,
78.3873

 23.0722, 19.5194,
18.2562


 111.5577,
103.3719, 103.2521

 14.7678, 12.0462,
10.9627


141.2051,
132.1304, 132.8868

 8.7418, 6.7751,
5.9279

175.6883,
165.7819, 167.7099

 4.6289, 3.3219,
2.7332

215.3728,
204.7107, 208.1400

 2.0637, 1.3020,
0.9601

260.6239,

 0.6694, 0.1427,

249.3012, 254.5955

0.0000

311.8070,
299.9379, 307.4952

0.0000, 0.0000,
0.0000

47.9776, 42.6099,
41.2932

47.9776, 42.6099,
41.2932

42.8743, 35.0671,
31.3792

54.0188, 51.5814,
52.8970

38.6584, 28.8736,
23.0738

61.0380, 62.0437,
66.2615

35.2802, 23.9516,
16.2926

69.0773, 74.0625,
81.4569

32.6835, 20.2127,
10.9428

78.1751, 87.6978,
98.5487

30.8051, 17.5573,
6.9214

82.4254, 93.4918,
108.3092

■ 29.5721, 15.8694,
4.1114

■ 28.8945, 15.0042,
2.3750

■ 28.7331, 14.7989,
1.9591

Harmonies

Analogous

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



47.9548, 42.6099, 52.1354



47.9776, 42.6099, 41.2932



45.9128, 42.6099, 33.1924

Triad

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



47.9776, 42.6099, 41.2932



35.5802, 42.6099, 33.0651



38.6028, 42.6099, 69.6172

Complementary

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



47.9776, 42.6099, 41.2932



51.1955, 61.8537, 71.5310

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.



35.5292, 42.6099, 62.7027



47.9776, 42.6099, 41.2932



33.8598, 42.6099, 41.0921

Square

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



47.9776, 42.6099, 41.2932



38.6765, 42.6099, 28.9707



33.8417, 42.6099, 51.9005



42.3788, 42.6099, 69.6937

Rectangle

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



47.9776, 42.6099, 41.2932



43.7004, 42.6099, 29.9480



33.8417, 42.6099, 51.9005



37.4587, 42.6099, 67.9728

Sweetspot

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



47.9788, 42.6119, 41.2941



86.0307, 86.5266, 91.8199



52.0464, 44.0466, 71.4046



18.0740, 18.0129, 19.0069



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.



47.9788, 42.6119, 41.2941



64.5550, 54.6186, 50.6159



51.8540, 51.0759, 40.3858



13.1022, 13.0700, 13.7992



17.4098, 8.9650, 1.2722



1.1443, 0.5873, 0.1686

Inverse Universe

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



47.9788, 42.6119, 41.2941



64.5550, 54.6186, 50.6159



46.3596, 51.1576, 73.0769



13.1022, 13.0700, 13.7992



17.4098, 8.9650, 1.2722



1.1443, 0.5873, 0.1686

Previews

White Background



This preview shows how the XYZ color 47.9776, 42.6099, 41.2932 looks on a white background.

Color Contrast Check

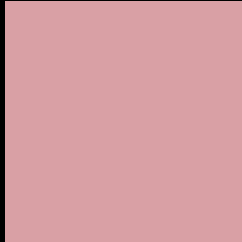
Large Text (above 18pt) WCAG AA × Fail

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 47.9776, 42.6099, 41.2932 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 47.9776, 42.6099, 41.2932

Background



This preview shows how black text looks on a background with the XYZ color 47.9776, 42.6099, 41.2932.



This preview shows how white text looks on a background with the XYZ color 47.9776, 42.6099,

41.2932.

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

47.9776, 42.6099, 41.2932

Protanopia

41.0390, 42.7542, 45.6246

Deuteranopia

43.5638, 42.7560, 40.6070



Tritanopia

48.6623, 42.6420, 44.1940

Trichromacy



Original Color

47.9776, 42.6099, 41.2932

Protanomaly

43.1819, 42.4847, 43.9546

Deuteranomaly

45.2389, 42.7901, 40.9969

Tritanomaly

48.4730, 42.5663, 43.1974

Monochromacy



Original Color

47.9776, 42.6099, 41.2932

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.8440, 43.3494, 45.5916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9776, 42.6099, 41.2932 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, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(217, 160, 165)  
}
```

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, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 160, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.9776, 42.6099, 41.2932 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, 160, 165) }
```


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

```
.border{ border-color:rgb(217, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(217, 160,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9776, 42.6099, 41.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 160, 165) }
```

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

```
.background{ background-color: rgb(217,  
160, 165) }
```

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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