

Converting Colors

XYZ(48.0951, 42.9128, 46.9539)

Have a look what the booklet for
XYZ(48.0951, 42.9128, 46.9539)
contains.

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Color

**XYZ(48.0219, 42.7705,
46.7988)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A1B0
RGB	213, 161, 176
RGB Percent	84%, 63%, 69%
CMY	0.1647, 0.3686, 0.3098
CMYK	0.00, 0.24, 0.17, 0.16
HSL	343°, 38%, 73%
HSV	343°, 24%, 84%
XYZ	48.0219, 42.7705, 46.7988
YIQ	178.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

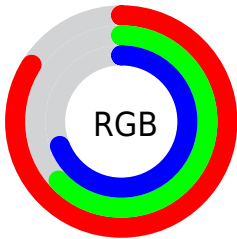
Format	Color
R_{YB}	213, 161, 176
Decimal	14000560
CIE _{Lab}	71.40, 21.51, -0.25
CIE _{LCh}	71, 21.515, 359.343
Yxy	42.7705, 0.3490, 0.3109
Android (android.graphics.Color)	4292190640 (0xFFD5A1B0)
YUV	178.2580, -1.1132, 30.4687
Hunter-Lab	65.3992, 16.6221, 3.3522

Details

The XYZ color **48.0219, 42.7705, 46.7988** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6870, 59.2438, 62.2981**, and the grayscale version is **42.4505, 44.6613, 48.6361**.

A 20% lighter version of the original color is **80.3614, 76.1979, 86.8161**, and **23.2073, 19.6616, 21.6407** is the 20% darker color. If you saturate the color by 10%, you get **43.1951, 35.3841, 38.1994**, and if you desaturate by 10%, it is **53.6527, 51.4959, 56.4934**.

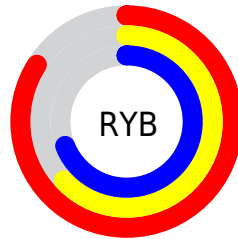
Distribution



Red (84%)

Green (63%)

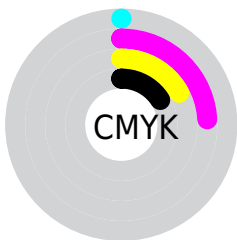
Blue (69%)



Red (84%)

Yellow (63%)

Blue (69%)

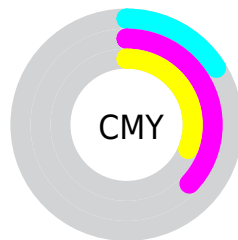


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0219, 42.7705, 46.7988 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 48.0219, 42.7705, 46.7988 by changing the saturation by 10% instead.


 48.0219, 42.7705,
46.7988


 48.0219, 42.7705,
46.7988


369.4601,
357.6671, 390.3813

 34.0556, 29.7051,
32.5234


 86.4465, 79.3644,
86.7601

 23.0994, 19.6148,
21.4935


 111.6355,
103.6617, 113.2830

 14.7880, 12.1154,
13.2905


141.2960,
132.4718, 144.7256

 8.7561, 6.8223,
7.4958

175.7935,
166.1790, 181.5063

 4.6383, 3.3512,
3.6909

215.4933,
205.1677, 224.0437

 2.0692, 1.3177,
1.4574

260.7608,

 0.6724, 0.1549,

249.8224, 272.7563

0.1859

311.9612,
300.5274, 328.0626

■ 0.0000, 0.0000,
0.0000

■ 48.0219, 42.7705,
46.7988

■ 48.0219, 42.7705,
46.7988

■ 43.1951, 35.3841,
38.1994

■ 53.6527, 51.4959,
56.4934

■ 39.1310, 29.2643,
30.6529

■ 60.1188, 61.6162,
67.3179

■ 35.7901, 24.3410,
24.1181

■ 67.4545, 73.1912,
79.3089

■ 33.1278, 20.5347,
18.5500

■ 75.6909, 86.2756,
92.5004

■ 31.0942, 17.7561,
13.9000

■ 80.7375, 92.6809,
105.5516

■ 29.6323, 15.9022,
10.1143

■ 81.2507, 92.8862,
108.2542

■ 28.6734, 14.8478,
7.1329

■ 28.2947, 14.4878,
5.7811

Harmonies

Analogous

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



46.9428, 42.7705, 57.4992



48.0219, 42.7705, 46.7988



47.0307, 42.7705, 37.4628

Triad

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



48.0219, 42.7705, 46.7988



37.3336, 42.7705, 31.2561



37.2031, 42.7705, 65.9230

Complementary

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



48.0219, 42.7705, 46.7988



48.6870, 59.2438, 62.2981

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.



34.8779, 42.7705, 57.0446



48.0219, 42.7705, 46.7988



34.9501, 42.7705, 37.1213

Square

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



48.0219, 42.7705, 46.7988



40.7320, 42.7705, 29.3360



34.0777, 42.7705, 46.3416



40.5723, 42.7705, 69.4988

Rectangle

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



48.0219, 42.7705, 46.7988



45.3609, 42.7705, 33.0172



34.0777, 42.7705, 46.3416



36.2810, 42.7705, 63.4005

Sweetspot

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



48.0231, 42.7725, 46.7997



87.6395, 88.3440, 96.6723



47.8875, 42.2204, 68.5765



18.6282, 18.7051, 20.4749



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.



48.0231, 42.7725, 46.7997



68.4795, 58.6103, 63.8155



48.5136, 45.9984, 40.0423



12.5691, 12.4791, 13.6710



17.3221, 8.8652, 3.7343



1.0805, 0.5490, 0.4132

Inverse Universe

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



48.0231, 42.7725, 46.7997



68.4795, 58.6103, 63.8155



47.9713, 54.9056, 71.0206



12.5691, 12.4791, 13.6710



17.3221, 8.8652, 3.7343



1.0805, 0.5490, 0.4132

Previews

White Background



This preview shows how the XYZ color 48.0219, 42.7705, 46.7988 looks on a white background.

Color Contrast Check

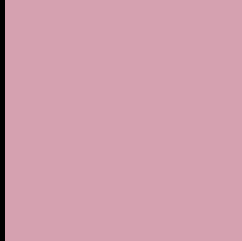
Large Text (above 18pt) WCAG AA × Fail

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 48.0219, 42.7705, 46.7988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

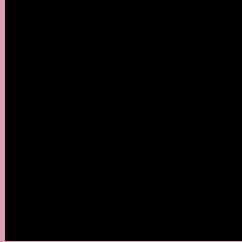
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0219, 42.7705, 46.7988

Background



This preview shows how black text looks on a background with the XYZ color 48.0219, 42.7705, 46.7988.



This preview shows how white text looks on a background with the XYZ color 48.0219, 42.7705,

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

48.0219, 42.7705, 46.7988

Protanopia

41.6923, 42.9629, 51.4427

Deuteranopia

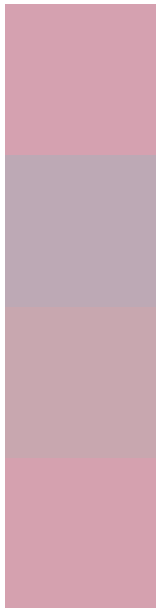
43.7529, 43.0119, 46.0405



Tritanopia

47.8254, 42.6919, 45.7641

Trichromacy



Original Color

48.0219, 42.7705, 46.7988

Protanomaly

43.5147, 42.5309, 49.6319

Deuteranomaly

45.3760, 43.0119, 46.4680

Tritanomaly

47.9233, 42.7310, 46.2795

Monochromacy



Original Color

48.0219, 42.7705, 46.7988

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.1742, 43.7557, 47.7124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0219, 42.7705, 46.7988 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(213, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(213, 161, 176)  
}
```

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(213, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 161, 176) }
```

Border

The CSS property to change the border of an element to XYZ 48.0219, 42.7705, 46.7988 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(213, 161, 176) }
```


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

```
.border{ border-color:rgb(213, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(213, 161,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0219, 42.7705, 46.7988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 161, 176) }
```

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

```
.background{ background-color: rgb(213,  
161, 176) }
```

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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