

Converting Colors

XYZ(50.0375, 45.1093, 41.8949)

Have a look what the booklet for
XYZ(50.0375, 45.1093, 41.8949)
contains.

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Color

**XYZ(49.7619, 44.8425,
41.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA5A5
RGB	220, 165, 165
RGB Percent	86%, 65%, 65%
CMY	0.1373, 0.3529, 0.3529
CMYK	0.00, 0.25, 0.25, 0.14
HSL	0°, 44%, 75%
HSV	0°, 25%, 86%
XYZ	49.7619, 44.8425, 41.6300
YIQ	181.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

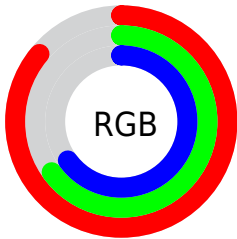
Format	Color
R _Y B	220, 165, 165
Decimal	14460325
CIE Lab	72.79, 20.28, 7.92
CIE LCh	73, 21.771, 21.342
Yxy	44.8425, 0.3653, 0.3292
Android (android.graphics.Color)	4292650405 (0xFFDCA5A5)
YUV	181.4450, -8.1074, 33.8127
Hunter-Lab	66.9645, 15.4569, 10.0162

Details

The XYZ color **49.7619, 44.8425, 41.6300** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0279, 64.3513, 77.2840**, and the grayscale version is **44.1930, 46.4945, 50.6325**.

A 20% lighter version of the original color is **79.7515, 77.6137, 78.4877**, and **24.1956, 20.8950, 18.3807** is the 20% darker color. If you saturate the color by 10%, you get **44.2969, 36.8460, 30.7643**, and if you desaturate by 10%, it is **56.2563, 54.3459, 54.5391**.

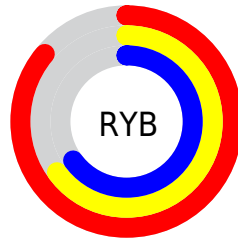
Distribution



Red (86%)

Green (65%)

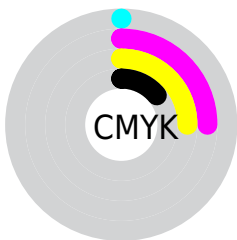
Blue (65%)



Red (86%)

Yellow (65%)

Blue (65%)

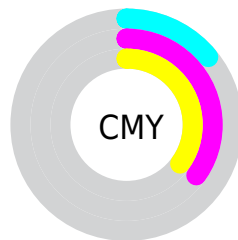


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (14%)



Cyan (14%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7619, 44.8425, 41.6300 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 49.7619, 44.8425, 41.6300 by changing the saturation by 10% instead.


 49.7619, 44.8425,
41.6300


 49.7619, 44.8425,
41.6300


376.2015,
366.1353, 368.7012

 35.4413, 31.3334,
28.4883


 89.0159, 82.4840,
78.9034

 24.1711, 20.8528,
18.4518


 114.6800,
107.3852, 103.8721

 15.5860, 13.0165,
11.1021


144.8560,
136.8525, 133.6202

 9.3207, 7.4399,
6.0205

179.9092,
171.2704, 168.5664

 5.0097, 3.7387,
2.7886

220.2050,
211.0233, 209.1290

 2.2878, 1.5285,
0.9877

266.1088,

 0.7884, 0.3087,

256.4954, 255.7266

0.0000

317.9858,
308.0713, 308.7778

■ 0.0000, 0.0000,
0.0000

■ 49.7619, 44.8425,
41.6300

■ 49.7619, 44.8425,
41.6300

■ 44.2969, 36.8460,
30.7643

■ 56.2563, 54.3459,
54.5391

■ 39.8051, 30.2731,
21.8348

■ 63.8251, 65.4212,
69.5860

■ 36.2304, 25.0422,
14.7287

■ 72.5154, 78.1374,
86.8623

■ 33.5097, 21.0610,
9.3204

■ 82.3701, 92.5575,
106.4537

■ 31.5718, 18.2252,
5.4683

■ 83.3254, 93.9557,
108.3513

■ 30.3342, 16.4141,
3.0083

■ 29.6957, 15.4796,
1.7394

■ 29.5156, 15.2161,
1.3814

Harmonies

Analogous

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



50.2245, 44.8425, 52.0294



49.7619, 44.8425, 41.6300



47.3286, 44.8425, 34.2981

Triad

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



49.7619, 44.8425, 41.6300



37.1899, 44.8425, 36.9346



41.5358, 44.8425, 72.4518

Complementary

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



49.7619, 44.8425, 41.6300



54.0279, 64.3513, 77.2840

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.



38.2372, 44.8425, 66.9669



49.7619, 44.8425, 41.6300



35.8272, 44.8425, 45.7566

Square

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



49.7619, 44.8425, 41.6300



40.0286, 44.8425, 31.8792



36.1990, 44.8425, 56.8065



45.3239, 44.8425, 70.9131

Rectangle

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



49.7619, 44.8425, 41.6300



44.9911, 44.8425, 31.6287



36.1990, 44.8425, 56.8065



40.3365, 44.8425, 71.3420

Sweetspot

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



49.7631, 44.8446, 41.6309



86.8760, 88.0393, 92.6501



55.8891, 47.2938, 73.8935



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.



49.7631, 44.8446, 41.6309



65.3474, 56.5369, 49.8517



55.2668, 55.8520, 43.4655



13.0562, 13.0517, 13.5567



17.3223, 8.9302, 0.8107



1.1223, 0.5786, 0.0525

Inverse Universe

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



54.0279, 64.3513, 77.2840



72.2832, 88.2605, 107.8340



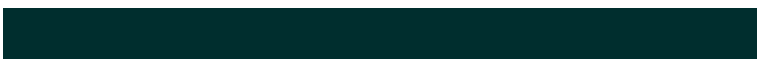
47.3954, 51.0864, 75.0732



13.4448, 14.8294, 16.8059



22.5994, 33.0683, 44.9301



1.4641, 2.1424, 2.9108

Previews

White Background



This preview shows how the XYZ color 49.7619, 44.8425, 41.6300 looks on a white background.

Color Contrast Check

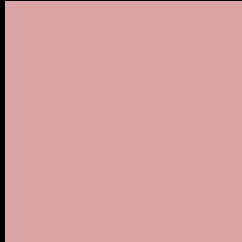
Large Text (above 18pt) WCAG AA × Fail

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 49.7619, 44.8425, 41.6300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

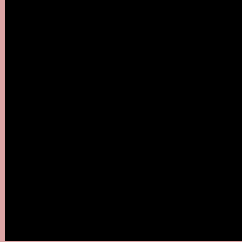
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7619, 44.8425, 41.6300

Background



This preview shows how black text looks on a background with the XYZ color 49.7619, 44.8425, 41.6300.



This preview shows how white text looks on a background with the XYZ color 49.7619, 44.8425,

41.6300.

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

49.7619, 44.8425, 41.6300

Protanopia

43.1340, 45.0097, 45.4441

Deuteranopia

46.0015, 45.1240, 41.4072



Tritanopia

50.7525, 44.7011, 47.0275

Trichromacy



Original Color

49.7619, 44.8425, 41.6300

Protanomaly

45.1310, 44.6220, 43.7704

Deuteranomaly

47.3701, 44.9851, 41.3083

Tritanomaly

50.5406, 44.9016, 45.0328

Monochromacy



Original Color

49.7619, 44.8425, 41.6300

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.5735, 45.3572, 46.9103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7619, 44.8425, 41.6300 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(220, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(220, 165, 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(220, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 49.7619, 44.8425, 41.6300 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(220, 165, 165) }
```


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

```
.border{ border-color:rgb(220, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(220, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7619, 44.8425, 41.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 165, 165) }
```

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

```
.background{ background-color: rgb(220,  
165, 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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