

Converting Colors

XYZ(49.9165, 44.9229, 41.6387)

Have a look what the booklet for
XYZ(49.9165, 44.9229, 41.6387)
contains.

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Color

**XYZ(50.0655, 44.9990,
41.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA5A5
RGB	221, 165, 165
RGB Percent	87%, 65%, 65%
CMY	0.1333, 0.3529, 0.3529
CMYK	0.00, 0.25, 0.25, 0.13
HSL	0°, 45%, 76%
HSV	0°, 25%, 87%
XYZ	50.0655, 44.9990, 41.6443
YIQ	181.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

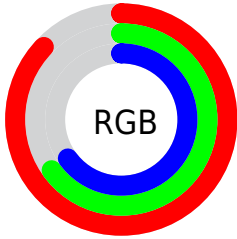
Format	Color
R _Y B	221, 165, 165
Decimal	14525861
CIE Lab	72.89, 20.65, 8.08
CIE LCh	73, 22.178, 21.379
Yxy	44.9990, 0.3662, 0.3292
Android (android.graphics.Color)	4292715941 (0xFFDDA5A5)
YUV	181.7440, -8.2548, 34.4275
Hunter-Lab	67.0813, 15.8296, 10.1495

Details

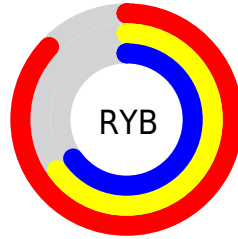
The XYZ color **50.0655, 44.9990, 41.6443** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4241, 64.9311, 78.0715**, and the grayscale version is **44.3559, 46.6659, 50.8192**.

A 20% lighter version of the original color is **79.7515, 77.6137, 78.4877**, and **24.4028, 21.0018, 18.3904** is the 20% darker color. If you saturate the color by 10%, you get **44.5779, 36.9694, 30.7337**, and if you desaturate by 10%, it is **56.5918, 54.5492, 54.6170**.

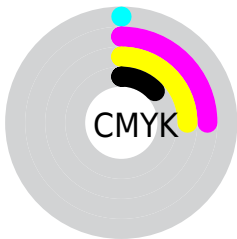
Distribution



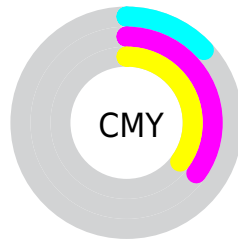
- Red (87%)
- Green (65%)
- Blue (65%)



- Red (87%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0655, 44.9990, 41.6443 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 50.0655, 44.9990, 41.6443 by changing the saturation by 10% instead.


 50.0655, 44.9990,
41.6443


 50.0655, 44.9990,
41.6443


377.3698,
366.7695, 368.7624

 35.6835, 31.4566,
28.4994


 89.4632, 82.7189,
78.9253

 24.3588, 20.9468,
18.4601


 115.2095,
107.6653, 103.8984

 15.7262, 13.0851,
11.1080


145.4746,
137.1817, 133.6514

 9.4202, 7.4872,
6.0244

180.6239,
171.6527, 168.6027

 5.0756, 3.7686,
2.7909

221.0227,
211.4625, 209.1709

 2.3269, 1.5450,
0.9889

267.0364,

 0.8084, 0.3201,

256.9957, 255.7746

0.0000

319.0303,
308.6366, 308.8322

0.0000, 0.0000,
0.0000

50.0655, 44.9990,
41.6443

50.0655, 44.9990,
41.6443

44.5779, 36.9694,
30.7337

56.5918, 54.5492,
54.6170

40.0721, 30.3761,
21.7764

64.2027, 65.6859,
69.7472

36.4912, 25.1362,
14.6581

72.9456, 78.4792,
87.1281

33.7713, 21.1560,
9.2511

82.8641, 92.9926,
106.8462

31.8398, 18.3297,
5.4119

83.6290, 94.1122,
108.3655

■ 30.6129, 16.5342,
2.9732

■ 29.9874, 15.6188,
1.7300

■ 29.8191, 15.3726,
1.3956

Harmonies

Analogous

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



50.5414, 44.9990, 52.2542



50.0655, 44.9990, 41.6443



47.5753, 44.9990, 34.1861

Triad

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



50.0655, 44.9990, 41.6443



37.2261, 44.9990, 36.8832



41.6666, 44.9990, 73.1783

Complementary

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



50.0655, 44.9990, 41.6443



54.4241, 64.9311, 78.0715

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.



38.3001, 44.9990, 67.5641



50.0655, 44.9990, 41.6443



35.8394, 44.9990, 45.8767

Square

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



50.0655, 44.9990, 41.6443



40.1195, 44.9990, 31.7388



36.2204, 44.9990, 57.1663



45.5351, 44.9990, 71.5915

Rectangle

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



50.0655, 44.9990, 41.6443



45.1857, 44.9990, 31.4773



36.2204, 44.9990, 57.1663



40.4423, 44.9990, 72.0434

Sweetspot

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



50.0667, 45.0011, 41.6452



85.7720, 86.4238, 90.4554



56.3256, 47.5035, 74.6074



18.0096, 17.9873, 18.6670



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.



50.0667, 45.0011, 41.6452



65.3474, 56.5368, 49.8517



55.6808, 56.2293, 43.5166



13.0562, 13.0517, 13.5567



17.3223, 8.9302, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



54.4241, 64.9311, 78.0715



72.2833, 88.2607, 107.8340



47.6387, 51.3603, 75.8097



13.4448, 14.8294, 16.8059



22.5996, 33.0686, 44.9302



1.4641, 2.1424, 2.9108

Previews

White Background



This preview shows how the XYZ color 50.0655, 44.9990, 41.6443 looks on a white background.

Color Contrast Check

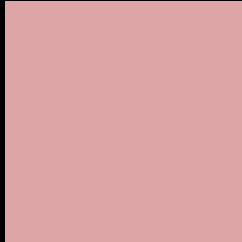
Large Text (above 18pt) WCAG AA × Fail

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 50.0655, 44.9990, 41.6443 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 50.0655, 44.9990, 41.6443

Background



This preview shows how black text looks on a background with the XYZ color 50.0655, 44.9990, 41.6443.



This preview shows how white text looks on a background with the XYZ color 50.0655, 44.9990,

41.6443.

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

50.0655, 44.9990, 41.6443

Protanopia

43.1340, 45.0097, 45.4441

Deuteranopia

46.0015, 45.1240, 41.4072



Tritanopia

51.0579, 44.8586, 47.0418

Trichromacy



Original Color

50.0655, 44.9990, 41.6443

Protanomaly

45.1310, 44.6220, 43.7704

Deuteranomaly

47.3701, 44.9851, 41.3083

Tritanomaly

50.8461, 45.0591, 45.0471

Monochromacy



Original Color

50.0655, 44.9990, 41.6443

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1268, 45.9210, 47.5068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0655, 44.9990, 41.6443 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(221, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 50.0655, 44.9990, 41.6443 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(221, 165, 165) }
```


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

```
.border{ border-color:rgb(221, 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(221, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(221, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0655, 44.9990, 41.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 165, 165) }
```

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

```
.background{ background-color: rgb(221,  
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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