

Converting Colors

XYZ(50.6415, 45.1361, 41.6708)

Have a look what the booklet for
XYZ(50.6415, 45.1361, 41.6708)
contains.

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Color

**XYZ(50.4984, 44.9555,
41.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA4A5
RGB	223, 164, 165
RGB Percent	87%, 64%, 65%
CMY	0.1255, 0.3568, 0.3529
CMYK	0.00, 0.26, 0.26, 0.13
HSL	359°, 48%, 76%
HSV	359°, 26%, 87%
XYZ	50.4984, 44.9555, 41.6130
YIQ	181.7550, 34.8430, 12.8190

Conversions

Conversions Part 2

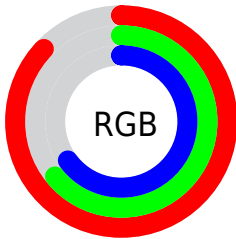
Format	Color
R _Y B	223, 164, 165
Decimal	14656677
CIE Lab	72.86, 21.94, 8.07
CIE LCh	73, 23.374, 20.202
Yxy	44.9555, 0.3684, 0.3280
Android (android.graphics.Color)	4292846757 (0xFFDFA4A5)
YUV	181.7550, -8.2602, 36.1719
Hunter-Lab	67.0489, 17.1032, 10.1366

Details

The XYZ color **50.4984, 44.9555, 41.6130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8842, 65.9428, 78.9461**, and the grayscale version is **44.3614, 46.6716, 50.8254**.

A 20% lighter version of the original color is **79.4898, 77.0903, 78.4005**, and **24.7112, 20.9961, 18.3730** is the 20% darker color. If you saturate the color by 10%, you get **45.0246, 36.9320, 30.7729**, and if you desaturate by 10%, it is **57.0165, 54.5194, 54.4897**.

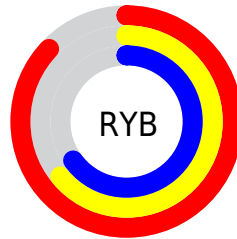
Distribution



Red (87%)

Green (64%)

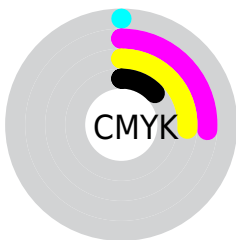
Blue (65%)



Red (87%)

Yellow (64%)

Blue (65%)

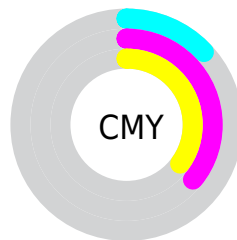


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (13%)



Cyan (13%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4984, 44.9555, 41.6130 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 50.4984, 44.9555, 41.6130 by changing the saturation by 10% instead.


 50.4984, 44.9555,
41.6130


 50.4984, 44.9555,
41.6130

379.0317,
366.5933, 368.6284

 36.0290, 31.4224,
28.4751


 90.1003, 82.6536,
78.8773

 24.6268, 20.9207,
18.4419


 115.9635,
107.5874, 103.8408

 15.9265, 13.0660,
11.0950


146.3554,
137.0902, 133.5833

 9.5627, 7.4740,
6.0158

181.6412,
171.5465, 168.5232

 5.1700, 3.7603,
2.7857

222.1864,
211.3405, 209.0791

 2.3831, 1.5404,
0.9863

268.3563,

 0.8367, 0.3169,

256.8567, 255.6696

0.0000

320.5163,
308.4795, 308.7132

■ 0.0000, 0.0000,
0.0000

■ 50.4984, 44.9555,
41.6130

■ 50.4984, 44.9555,
41.6130

■ 45.0246, 36.9320,
30.7729

■ 57.0165, 54.5194,
54.4897

■ 40.5373, 30.3627,
21.8626

■ 64.6252, 65.6916,
69.4970

■ 36.9791, 25.1622,
14.7699

■ 73.3727, 78.5437,
86.7261

■ 34.2848, 21.2340,
9.3696

■ 83.3030, 93.1410,
106.2623

■ 32.3810, 18.4689,
5.5209

■ 84.2415, 94.4280,
108.3942

■ 31.1820, 16.7394,
3.0603

■ 30.5809, 15.8851,
1.7874

■ 30.4521, 15.6963,
1.5327

Harmonies

Analogous

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



50.9099, 44.9555, 52.8611



50.4984, 44.9555, 41.6130



47.9339, 44.9555, 33.6755

Triad

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



50.4984, 44.9555, 41.6130



36.9963, 44.9555, 35.9641



41.4115, 44.9555, 74.5097

Complementary

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



50.4984, 44.9555, 41.6130



54.8842, 65.9428, 78.9461

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.



37.9149, 44.9555, 68.2572



50.4984, 44.9555, 41.6130



35.4749, 44.9555, 45.2347

Square

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



50.4984, 44.9555, 41.6130



40.0841, 44.9555, 30.7910



35.8001, 44.9555, 57.0999



45.4875, 44.9555, 73.1270

Rectangle

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



50.4984, 44.9555, 41.6130



45.4334, 44.9555, 30.7513



35.8001, 44.9555, 57.0999



40.1338, 44.9555, 73.1977

Sweetspot

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



50.4996, 44.9576, 41.6139



85.8213, 86.4428, 90.7169



56.4249, 47.2581, 75.9601



18.0218, 17.9920, 18.7321



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.



50.4996, 44.9576, 41.6139



63.9764, 54.3872, 47.5686



55.8809, 55.8646, 42.9623



13.7166, 13.7043, 14.2777



17.9095, 9.2308, 0.9230



1.2447, 0.6412, 0.0816

Inverse Universe

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



50.4996, 44.9576, 41.6139



63.9764, 54.3872, 47.5686



48.2508, 52.4618, 77.3953



13.7166, 13.7043, 14.2777



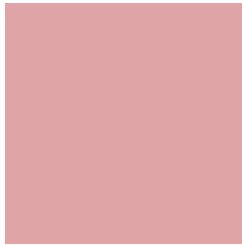
17.9095, 9.2308, 0.9230



1.2447, 0.6412, 0.0816

Previews

White Background



This preview shows how the XYZ color 50.4984, 44.9555, 41.6130 looks on a white background.

Color Contrast Check

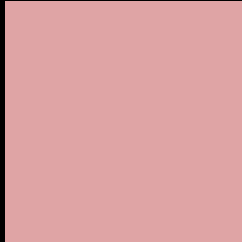
Large Text (above 18pt) WCAG AA × Fail

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 50.4984, 44.9555, 41.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

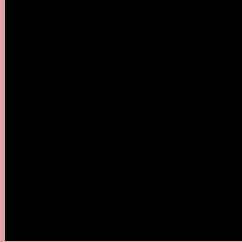
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4984, 44.9555, 41.6130

Background



This preview shows how black text looks on a background with the XYZ color 50.4984, 44.9555, 41.6130.



This preview shows how white text looks on a background with the XYZ color 50.4984, 44.9555,

41.6130.

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

50.4984, 44.9555, 41.6130

Protanopia

43.2304, 45.0483, 45.9519

Deuteranopia

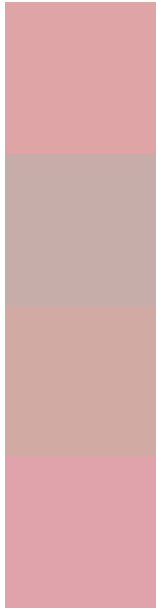
45.9116, 45.0880, 40.9334



Tritanopia

51.3987, 44.7831, 46.4924

Trichromacy



Original Color

50.4984, 44.9555, 41.6130

Protanomaly

45.4880, 44.7952, 44.2791

Deuteranomaly

47.6539, 45.1314, 41.3216

Tritanomaly

51.1883, 44.9820, 44.5125

Monochromacy



Original Color

50.4984, 44.9555, 41.6130

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1924, 45.6649, 47.4539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4984, 44.9555, 41.6130 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(223, 164, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 164, 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(223, 164, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 164, 165) }
```

Border

The CSS property to change the border of an element to XYZ 50.4984, 44.9555, 41.6130 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(223, 164, 165) }
```


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

```
.border{ border-color:rgb(223, 164, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 164, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 164, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 164, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 164,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4984, 44.9555, 41.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 164, 165) }
```

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

```
.background{ background-color: rgb(223,  
164, 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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