

Converting Colors

XYZ(48.8953, 43.5309, 44.3676)

Have a look what the booklet for
XYZ(48.8953, 43.5309, 44.3676)
contains.

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Color

**XYZ(48.8863, 43.5326,
44.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A2AB
RGB	217, 162, 171
RGB Percent	85%, 64%, 67%
CMY	0.1490, 0.3647, 0.3294
CMYK	0.00, 0.25, 0.21, 0.15
HSL	350°, 42%, 74%
HSV	350°, 25%, 85%
XYZ	48.8863, 43.5326, 44.3541
YIQ	179.4710, 29.8910, 14.4590

Conversions

Conversions Part 2

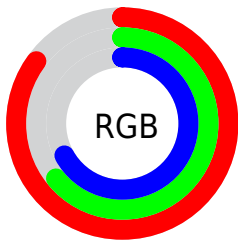
Format	Color
R _Y B	217, 162, 171
Decimal	14262955
CIE Lab	71.91, 21.66, 3.32
CIE LCh	72, 21.917, 8.709
Yxy	43.5326, 0.3574, 0.3183
Android (android.graphics.Color)	4292453035 (0xFFD9A2AB)
YUV	179.4710, -4.1762, 32.9129
Hunter-Lab	65.9792, 16.7932, 6.3282

Details

The XYZ color **48.8863, 43.5326, 44.3541** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1001, 61.8623, 68.9249**, and the grayscale version is **43.1105, 45.3556, 49.3922**.

A 20% lighter version of the original color is **79.7803, 76.3767, 82.4888**, and **23.6036, 20.0608, 20.0808** is the 20% darker color. If you saturate the color by 10%, you get **43.7756, 35.8922, 34.6930**, and if you desaturate by 10%, it is **54.8966, 52.5912, 55.4882**.

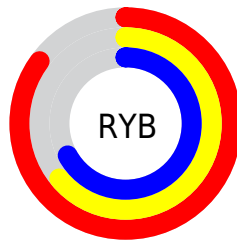
Distribution



Red (85%)

Green (64%)

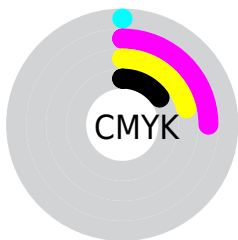
Blue (67%)



Red (85%)

Yellow (64%)

Blue (67%)

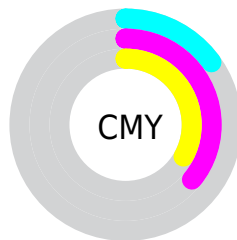


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8863, 43.5326, 44.3541 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 48.8863, 43.5326, 44.3541 by changing the saturation by 10% instead.


 48.8863, 43.5326,
44.3541


 48.8863, 43.5326,
44.3541


372.8189,
360.7975, 380.2349

 34.7435, 30.3032,
30.6097


 87.7243, 80.5140,
83.0585

 23.6309, 20.0689,
20.0459


 113.1502,
105.0347, 108.8556

 15.1833, 12.4451,
12.2440


143.0678,
134.0881, 139.5073

 9.0353, 7.0476,
6.7855


177.8424,
168.0584, 175.4323

 4.8215, 3.4919,
3.2519

217.8395,
207.3302, 217.0489

 2.1766, 1.3936,
1.2247

263.4244,

 0.7304, 0.2120,

252.2876, 264.7759

0.0000

314.9624,
303.3153, 319.0317

■ 0.0000, 0.0000,
0.0000

■ 48.8863, 43.5326,
44.3541

■ 48.8863, 43.5326,
44.3541

■ 43.7756, 35.8922,
34.6930

■ 54.8966, 52.5912,
55.4882

■ 39.5175, 29.5925,
26.4403

■ 61.8433, 63.1284,
68.1508

■ 36.0659, 24.5574,
19.5303

■ 69.7658, 75.2086,
82.3979

■ 33.3690, 20.7012,
13.8914

■ 78.6999, 88.8905,
98.2818

■ 31.3689, 17.9272,
9.4447

■ 82.4255, 93.4918,
108.3092

■ 29.9989, 16.1232,
6.1026

■ 29.1788, 15.1526,
3.7646

■ 28.9263, 14.8761,
2.9758

Harmonies

Analogous

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



48.4326, 43.5326, 55.2642



48.8863, 43.5326, 44.3541



47.2353, 43.5326, 35.6693

Triad

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



48.8863, 43.5326, 44.3541



37.0472, 43.5326, 33.0976



38.8240, 43.5326, 69.2538

Complementary

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



48.8863, 43.5326, 44.3541



51.1001, 61.8623, 68.9249

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.



36.0233, 43.5326, 61.4552



48.8863, 43.5326, 44.3541



35.0412, 43.5326, 40.3190

Square

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



48.8863, 43.5326, 44.3541



40.2989, 43.5326, 29.8423



34.6780, 43.5326, 50.5814



42.4730, 43.5326, 70.7664

Rectangle

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



48.8863, 43.5326, 44.3541



45.2184, 43.5326, 31.9112



34.6780, 43.5326, 50.5814



37.7585, 43.5326, 67.2299

Sweetspot

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



48.8875, 43.5346, 44.3550



86.2573, 86.6172, 93.0129



51.4117, 44.2382, 71.4753



18.1305, 18.0355, 19.3046



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.



48.8875, 43.5346, 44.3550



66.6655, 57.0623, 56.7985



51.5269, 50.1394, 41.1469



13.1425, 13.0861, 14.0116



17.5362, 9.0155, 1.9375



1.1633, 0.5950, 0.2691

Inverse Universe

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



48.8875, 43.5346, 44.3550



66.6655, 57.0623, 56.7985



47.7731, 53.3863, 73.4328



13.1425, 13.0861, 14.0116



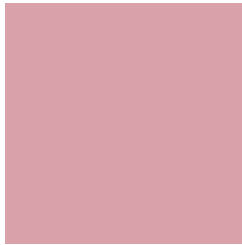
17.5362, 9.0155, 1.9375



1.1633, 0.5950, 0.2691

Previews

White Background



This preview shows how the XYZ color 48.8863, 43.5326, 44.3541 looks on a white background.

Color Contrast Check

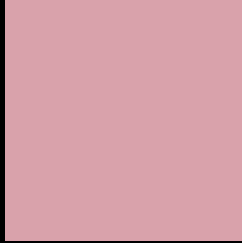
Large Text (above 18pt) WCAG AA × Fail

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 48.8863, 43.5326, 44.3541 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 48.8863, 43.5326, 44.3541

Background



This preview shows how black text looks on a background with the XYZ color 48.8863, 43.5326, 44.3541.



This preview shows how white text looks on a background with the XYZ color 48.8863, 43.5326,

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

48.8863, 43.5326, 44.3541

Protanopia

42.2524, 43.8890, 48.8923

Deuteranopia

44.4893, 43.7262, 43.6313



Tritanopia

49.1756, 43.6484, 45.8775

Trichromacy



Original Color

48.8863, 43.5326, 44.3541

Protanomaly

44.3917, 43.5979, 47.1498

Deuteranomaly

46.1602, 43.7449, 44.0409

Tritanomaly

49.0784, 43.6095, 45.3659

Monochromacy



Original Color

48.8863, 43.5326, 44.3541

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.7724, 44.3592, 47.2767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8863, 43.5326, 44.3541 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, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 162, 171)  
}
```

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, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 162, 171) }
```

Border

The CSS property to change the border of an element to XYZ 48.8863, 43.5326, 44.3541 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, 162, 171) }
```


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

```
.border{ border-color:rgb(217, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 162,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8863, 43.5326, 44.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 162, 171) }
```

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

```
.background{ background-color: rgb(217,  
162, 171) }
```

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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