

Converting Colors

XYZ(50.2285, 46.2866, 43.1378)

Have a look what the booklet for
XYZ(50.2285, 46.2866, 43.1378)
contains.

XYZ(50.3561, 46.4820, 43.3637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.3561, 46.4820,
43.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	DAAAA8
RGB	218, 170, 168
RGB Percent	85%, 67%, 66%
CMY	0.1451, 0.3333, 0.3412
CMYK	0.00, 0.22, 0.23, 0.15
HSL	2°, 40%, 76%
HSV	2°, 23%, 85%
XYZ	50.3561, 46.4820, 43.3637
YIQ	184.1240, 29.2500, 9.5540

Conversions

Conversions Part 2

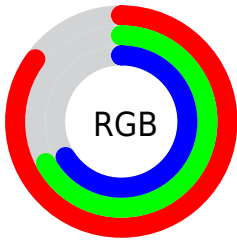
Format	Color
R _Y B	218, 170, 168
Decimal	14330536
CIE Lab	73.86, 17.27, 7.78
CIE LCh	74, 18.939, 24.251
Yxy	46.4820, 0.3592, 0.3315
Android (android.graphics.Color)	4292520616 (0xFFDAAA8)
YUV	184.1240, -7.9491, 29.7093
Hunter-Lab	68.1777, 12.5292, 10.0136

Details

The XYZ color **50.3561, 46.4820, 43.3637** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3588, 62.4971, 75.5810**, and the grayscale version is **45.6607, 48.0386, 52.3141**.

A 20% lighter version of the original color is **81.4845, 80.4381, 81.0435**, and **24.5311, 21.8992, 19.4570** is the 20% darker color. If you saturate the color by 10%, you get **44.8776, 38.5070, 32.3436**, and if you desaturate by 10%, it is **56.8021, 55.8463, 56.3871**.

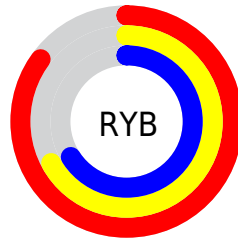
Distribution



Red (85%)

Green (67%)

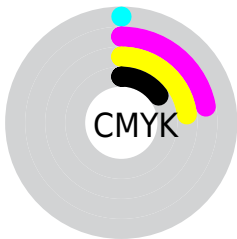
Blue (66%)



Red (85%)

Yellow (67%)

Blue (66%)

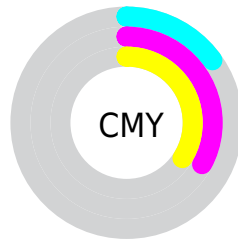


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3561, 46.4820, 43.3637 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 50.3561, 46.4820, 43.3637 by changing the saturation by 10% instead.

 50.3561, 46.4820,
43.3637


 50.3561, 46.4820,
43.3637


378.4859,
372.7431, 376.0704

 35.9154, 32.6263,
29.8371


 89.8909, 84.9399,
81.5516

 24.5387, 21.8404,
19.4640


 115.7158,
110.3109, 107.0500

 15.8606, 13.7396,
11.8258


146.0660,
140.2892, 137.3761

 9.5158, 7.9398,
6.5041

181.3070,
175.2591, 172.9484

 5.1389, 4.0565,
3.0802

221.8042,
215.6051, 214.1854

 2.3646, 1.7052,
1.1358

267.9228,

 0.8274, 0.4270,

261.7114, 261.5057

0.0000

320.0282,
313.9626, 315.3279

0.0000, 0.0000,
0.0000

50.3561, 46.4820,
43.3637

50.3561, 46.4820,
43.3637

44.8776, 38.5070,
32.3436

56.8021, 55.8463,
56.3871

40.3162, 31.8491,
23.2247

64.2551, 66.6549,
71.5032

36.6232, 26.4394,
15.9003

72.7570, 78.9675,
88.7994

33.7432, 22.2002,
10.2521

82.3137, 92.8257,
108.1865

31.6149, 19.0449,
6.1476

82.7237, 93.6455,
108.3231

■ 30.1682, 16.8752,
3.4341

■ 29.3196, 15.5749,
1.9280

■ 29.0085, 15.0952,
1.3847

Harmonies

Analogous

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



50.9469, 46.4820, 52.4930



50.3561, 46.4820, 43.3637



48.0753, 46.4820, 36.9923

Triad

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



50.3561, 46.4820, 43.3637



39.1259, 46.4820, 40.5232



43.5338, 46.4820, 71.4158

Complementary

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



50.3561, 46.4820, 43.3637



53.3588, 62.4971, 75.5810

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.



40.5005, 46.4820, 67.2187



50.3561, 46.4820, 43.3637



38.0401, 46.4820, 48.7745

Square

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



50.3561, 46.4820, 43.3637



41.5709, 46.4820, 35.5042



38.5303, 46.4820, 58.6239



46.8955, 46.4820, 69.4902

Rectangle

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



50.3561, 46.4820, 43.3637



45.9622, 46.4820, 34.7663



38.5303, 46.4820, 58.6239



42.4439, 46.4820, 70.6594

Sweetspot

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



50.3574, 46.4841, 43.3647



87.0834, 88.4539, 92.7192



55.3544, 47.8865, 71.5179



18.4998, 18.7303, 19.5625



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.



50.3574, 46.4841, 43.3647



67.5061, 60.0165, 53.1543



55.4224, 56.6142, 45.0530



13.0977, 13.1347, 13.5705



17.3976, 9.0808, 0.8358



1.1422, 0.6185, 0.0592

Inverse Universe

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



53.3588, 62.4971, 75.5810



72.5754, 87.0688, 107.5886



47.5075, 50.7946, 73.6306



13.3978, 14.7354, 16.7902



21.2999, 30.4692, 44.4969



1.3941, 2.0023, 2.8875

Previews

White Background



This preview shows how the XYZ color 50.3561, 46.4820, 43.3637 looks on a white background.

Color Contrast Check

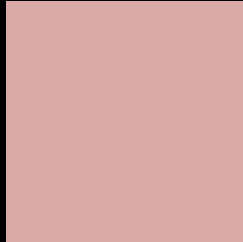
Large Text (above 18pt) WCAG AA × Fail

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 50.3561, 46.4820, 43.3637 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 50.3561, 46.4820, 43.3637

Background



This preview shows how black text looks on a background with the XYZ color 50.3561, 46.4820, 43.3637.



This preview shows how white text looks on a background with the XYZ color 50.3561, 46.4820,

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

50.3561, 46.4820, 43.3637

Protanopia

44.6574, 46.6685, 46.6986

Deuteranopia

47.4819, 46.4291, 43.0184



Tritanopia

51.5565, 46.4015, 49.9551

Trichromacy



Original Color

50.3561, 46.4820, 43.3637

Protanomaly

46.4572, 46.4286, 45.5428

Deuteranomaly

48.4970, 46.3788, 42.9552

Tritanomaly

51.2379, 46.5706, 47.3628

Monochromacy



Original Color

50.3561, 46.4820, 43.3637

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.9209, 47.1903, 48.7551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3561, 46.4820, 43.3637 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(218, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(218, 170, 168)  
}
```

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(218, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 170, 168) }
```

Border

The CSS property to change the border of an element to XYZ 50.3561, 46.4820, 43.3637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

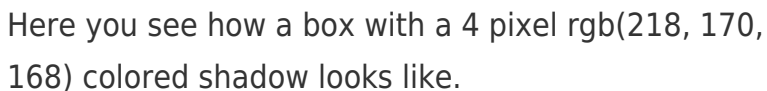
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 170, 168) }
```


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

```
.border{ border-color:rgb(218, 170, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 170, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 170, 168); box-shadow:4px 4px 4px 4px rgb(218, 170, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3561, 46.4820, 43.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 170, 168) }
```

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

```
.background{ background-color: rgb(218,  
170, 168) }
```

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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