

Converting Colors

XYZ(46.5748, 42.4826, 50.7677)

Have a look what the booklet for
XYZ(46.5748, 42.4826, 50.7677)
contains.

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Color

**XYZ(46.5463, 42.4507,
50.5403)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA3B7
RGB	204, 163, 183
RGB Percent	80%, 64%, 72%
CMY	0.2000, 0.3608, 0.2823
CMYK	0.00, 0.20, 0.10, 0.20
HSL	331°, 29%, 72%
HSV	331°, 20%, 80%
XYZ	46.5463, 42.4507, 50.5403
YIQ	177.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

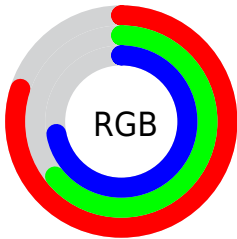
Format	Color
RYB	204, 163, 183
Decimal	13411255
CIELab	71.18, 18.33, -4.54
CIELCh	71, 18.888, 346.083
Yxy	42.4507, 0.3336, 0.3042
Android (android.graphics.Color)	4291601335 (0xFFCCA3B7)
YUV	177.5390, 2.6923, 23.2063
Hunter-Lab	65.1542, 13.5009, -0.3835

Details

The XYZ color **46.5463, 42.4507, 50.5403** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3506, 54.4341, 53.4666**, and the grayscale version is **42.0542, 44.2443, 48.1820**.

A 20% lighter version of the original color is **81.8914, 77.6348, 92.3302**, and **22.1081, 19.3701, 23.6927** is the 20% darker color. If you saturate the color by 10%, you get **42.1648, 35.3638, 43.9115**, and if you desaturate by 10%, it is **51.5953, 50.7422, 57.7910**.

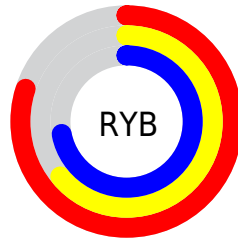
Distribution



Red (80%)

Green (64%)

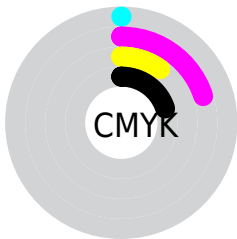
Blue (72%)



Red (80%)

Yellow (64%)

Blue (72%)

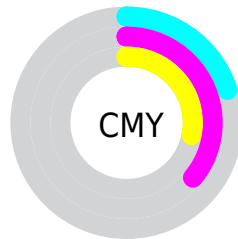


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5463, 42.4507, 50.5403 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 46.5463, 42.4507, 50.5403 by changing the saturation by 10% instead.


 46.5463, 42.4507,
50.5403

 46.5463, 42.4507,
50.5403


363.6799,
356.3479, 405.5705

 32.8836, 29.4544,
35.4687


 84.2589, 78.8813,
92.3794

 22.1961, 19.4248,
23.7377


 109.0394,
103.0843, 119.9840

 14.1185, 11.9776,
14.9288


138.2566,
131.7917, 152.6034

 8.2854, 6.7285,
8.6233


172.2758,
165.3879, 190.6561

 4.3314, 3.2929,
4.4029

211.4624,
204.2572, 234.5606

 1.8913, 1.2865,
1.8489

256.1817,

 0.5718, 0.1307,

248.7840, 284.7355

0.4599

306.7991,
299.3528, 341.5993

■ 0.0000, 0.0000,
0.0000

■ 46.5463, 42.4507,
50.5403

■ 46.5463, 42.4507,
50.5403

■ 42.1648, 35.3638,
43.9115

■ 51.5953, 50.7422,
57.7910

■ 38.4174, 29.4192,
37.8834

■ 57.3358, 60.2855,
65.6786

■ 35.2733, 24.5575,
32.4374

■ 63.7954, 71.1322,
74.2207

■ 32.6974, 20.7118,
27.5526

■ 70.9986, 83.3291,
83.4334

■ 30.6510, 17.8075,
23.2065

■ 75.6936, 90.3701,
92.2404

■ 29.0900, 15.7596,
19.3744

■ 77.2506, 90.9929,
100.4392

■ 27.9623, 14.4676,
16.0286

■ 78.7121, 91.5775,
108.1354

■ 27.1784, 13.7480,
13.1521

Harmonies

Analogous

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



44.8913, 42.4507, 59.3912



46.5463, 42.4507, 50.5403



46.4809, 42.4507, 41.5607

Triad

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



46.5463, 42.4507, 50.5403



38.6860, 42.4507, 31.4195



36.2736, 42.4507, 59.9433

Complementary

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



46.5463, 42.4507, 50.5403



45.3506, 54.4341, 53.4666

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.



34.7800, 42.4507, 51.2186



46.5463, 42.4507, 50.5403



36.1223, 42.4507, 35.1587

Square

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



46.5463, 42.4507, 50.5403



41.8292, 42.4507, 31.2879



34.7261, 42.4507, 42.1562



38.9024, 42.4507, 65.2808

Rectangle

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



46.5463, 42.4507, 50.5403



45.4674, 42.4507, 36.7003



34.7261, 42.4507, 42.1562



35.6283, 42.4507, 57.2618

Sweetspot

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



46.5475, 42.4526, 50.5412



89.1255, 90.1291, 100.8266



43.6456, 40.6849, 62.6799



18.9441, 19.0715, 21.3981



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.



46.5475, 42.4526, 50.5412



73.8945, 65.1175, 78.9473



44.6115, 41.6782, 40.3461



11.4365, 11.3033, 12.8334



17.1530, 8.6718, 8.5241



0.9232, 0.4627, 0.6415

Inverse Universe

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



46.5475, 42.4526, 50.5412



73.8945, 65.1175, 78.9473



47.5975, 55.3329, 65.2990



11.4365, 11.3033, 12.8334



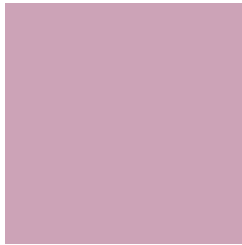
17.1530, 8.6718, 8.5241



0.9232, 0.4627, 0.6415

Previews

White Background



This preview shows how the XYZ color 46.5463, 42.4507, 50.5403 looks on a white background.

Color Contrast Check

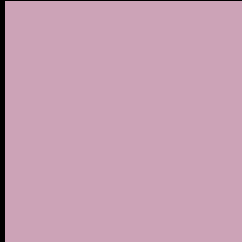
Large Text (above 18pt) WCAG AA × Fail

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 46.5463, 42.4507, 50.5403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

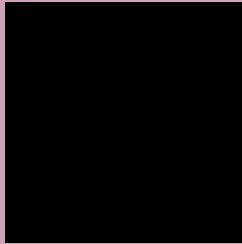
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5463, 42.4507, 50.5403

Background



This preview shows how black text looks on a background with the XYZ color 46.5463, 42.4507, 50.5403.



This preview shows how white text looks on a background with the XYZ color 46.5463, 42.4507,

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

46.5463, 42.4507, 50.5403

Protanopia

41.3625, 42.4455, 54.1569

Deuteranopia

43.3705, 42.4447, 50.1627



Tritanopia

45.8399, 42.4218, 47.3672

Trichromacy



Original Color

46.5463, 42.4507, 50.5403

Protanomaly

42.9248, 42.1541, 52.8879

Deuteranomaly

44.5103, 42.4842, 50.1103

Tritanomaly

46.0407, 42.5021, 48.4249

Monochromacy



Original Color

46.5463, 42.4507, 50.5403

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.6753, 43.7472, 49.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5463, 42.4507, 50.5403 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(204, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 183)  
}
```

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(204, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 183) }
```

Border

The CSS property to change the border of an element to XYZ 46.5463, 42.4507, 50.5403 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(204, 163, 183) }
```


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

```
.border{ border-color:rgb(204, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5463, 42.4507, 50.5403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 183) }
```

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

```
.background{ background-color: rgb(204,  
163, 183) }
```

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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