

Converting Colors

XYZ(45.4186, 41.7835, 54.3887)

Have a look what the booklet for
XYZ(45.4186, 41.7835, 54.3887)
contains.

XYZ(45.4174, 41.7824, 54.3863)	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(45.4174, 41.7824,
54.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A3BE
RGB	197, 163, 190
RGB Percent	77%, 64%, 75%
CMY	0.2274, 0.3608, 0.2549
CMYK	0.00, 0.17, 0.04, 0.23
HSL	312°, 23%, 71%
HSV	312°, 17%, 77%
XYZ	45.4174, 41.7824, 54.3863
YIQ	176.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

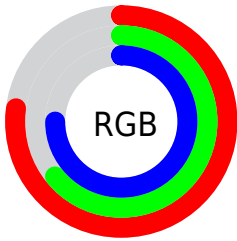
Format	Color
R_{YB}	197, 163, 190
Decimal	12952510
CIE Lab	70.72, 17.10, -9.17
CIE LCh	71, 19.406, 331.807
Yxy	41.7824, 0.3208, 0.2951
Android (android.graphics.Color)	4291142590 (0xFFC5A3BE)
YUV	176.2440, 6.7817, 18.2030
Hunter-Lab	64.6393, 12.3003, -4.6380

Details

The XYZ color **45.4174, 41.7824, 54.3863** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.3278, 50.6225, 45.5726**, and the grayscale version is **41.3566, 43.5104, 47.3828**.

A 20% lighter version of the original color is **82.5790, 77.8675, 97.8663**, and **21.5275, 19.0147, 26.2025** is the 20% darker color. If you saturate the color by 10%, you get **41.7515, 35.1498, 51.0077**, and if you desaturate by 10%, it is **49.6429, 49.5134, 58.0133**.

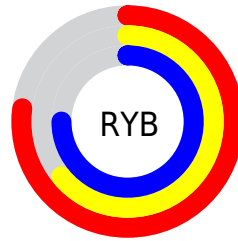
Distribution



Red (77%)

Green (64%)

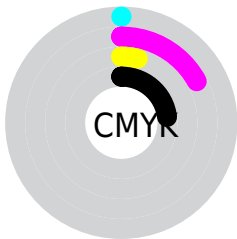
Blue (75%)



Red (77%)

Yellow (64%)

Blue (75%)

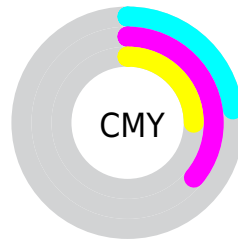


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4174, 41.7824, 54.3863 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 45.4174, 41.7824, 54.3863 by changing the saturation by 10% instead.


 45.4174, 41.7824,
54.3863


 45.4174, 41.7824,
54.3863


359.2167,
353.5801, 420.7976

 31.9890, 28.9309,
38.5153


 82.5796, 77.8702,
98.1033

 21.5086, 19.0286,
26.0780


 107.0442,
101.8753, 126.7864

 13.6109, 11.6909,
16.6557


135.9181,
130.3671, 160.5773

 7.9304, 6.5336,
9.8299

169.5669,
163.7300, 199.8946

 4.1019, 3.1722,
5.1822

208.3557,
202.3483, 245.1567

 1.7599, 1.2223,
2.2940

252.6501,

 0.4933, 0.0798,

246.6065, 296.7822

0.7278

302.8153,
296.8890, 355.1896

■ 0.0000, 0.0000,
0.0000

■ 45.4174, 41.7824,
54.3863

■ 45.4174, 41.7824,
54.3863

■ 41.7515, 35.1498,
51.0077

■ 49.6429, 49.5134,
58.0133

■ 38.6164, 29.5596,
47.8659

■ 54.4480, 58.3842,
61.8944

■ 35.9860, 24.9594,
44.9522

■ 59.8562, 68.4411,
66.0384

■ 33.8306, 21.2901,
42.2563

■ 65.8885, 79.7259,
70.4527

■ 32.1174, 18.4860,
39.7668

■ 70.4543, 88.0577,
74.4410

■ 30.8093, 16.4731,
37.4706

■ 70.9672, 88.2628,
77.1415

■ 29.8628, 15.1649,
35.3528

■ 71.4929, 88.4731,
79.9100

■ 29.2178, 14.4409,
33.3929

■ 72.0316, 88.6886,
82.7470

■ 29.0642, 14.2856,
32.8730

■ 72.5835, 88.9094,
85.6529

Harmonies

Analogous

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



43.0628, 41.7824, 62.2689



45.4174, 41.7824, 54.3863



46.2212, 41.7824, 44.9378

Triad

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



45.4174, 41.7824, 54.3863



39.5182, 41.7824, 29.9866



34.6852, 41.7824, 55.4831

Complementary

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



45.4174, 41.7824, 54.3863



42.3278, 50.6225, 45.5726

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.



33.8462, 41.7824, 46.0547



45.4174, 41.7824, 54.3863



36.5414, 41.7824, 32.0397

Square

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



45.4174, 41.7824, 54.3863



42.7073, 41.7824, 31.5997



34.5073, 41.7824, 37.6279



36.8619, 41.7824, 62.9598

Rectangle

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



45.4174, 41.7824, 54.3863



45.7366, 41.7824, 39.2259



34.5073, 41.7824, 37.6279



34.2428, 41.7824, 52.3964

Sweetspot

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



45.4186, 41.7842, 54.3872



90.6967, 91.9652, 105.3780



39.7114, 38.7515, 58.2107



19.2865, 19.4518, 22.4513



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.



45.4186, 41.7842, 54.3872



78.5569, 69.7735, 94.8945



43.6868, 41.0915, 45.2674



10.9859, 10.7778, 12.9092



19.1475, 9.4086, 21.7844



0.9309, 0.4552, 1.1595

Inverse Universe

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



45.4186, 41.7842, 54.3872



78.5569, 69.7735, 94.8945



44.0202, 51.2994, 54.4844



10.9859, 10.7778, 12.9092



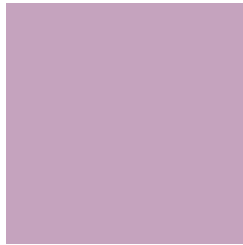
19.1475, 9.4086, 21.7844



0.9309, 0.4552, 1.1595

Previews

White Background



This preview shows how the XYZ color 45.4174, 41.7824, 54.3863 looks on a white background.

Color Contrast Check

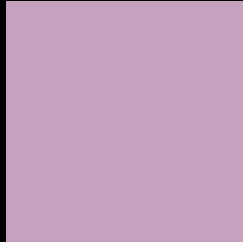
Large Text (above 18pt) WCAG AA × Fail

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 45.4174, 41.7824, 54.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

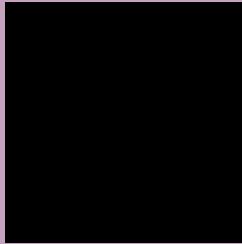
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4174, 41.7824, 54.3863

Background



This preview shows how black text looks on a background with the XYZ color 45.4174, 41.7824, 54.3863.



This preview shows how white text looks on a background with the XYZ color 45.4174, 41.7824,

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

45.4174, 41.7824, 54.3863

Protanopia

41.2939, 42.0366, 58.1620

Deuteranopia

42.7164, 41.7467, 53.9506



Tritanopia

43.9967, 41.7267, 47.8547

Trichromacy



Original Color

45.4174, 41.7824, 54.3863

Protanomaly

42.7480, 41.9743, 56.8877

Deuteranomaly

43.5606, 41.6379, 53.8851

Tritanomaly

44.4839, 41.6641, 49.9534

Monochromacy



Original Color

45.4174, 41.7824, 54.3863

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.6706, 42.6524, 49.6998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4174, 41.7824, 54.3863 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(197, 163, 190)` looks like.

```
.text, #text, p{  
    color:rgb(197, 163, 190)  
}
```

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(197, 163, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 163, 190) }
```

Border

The CSS property to change the border of an element to XYZ 45.4174, 41.7824, 54.3863 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(197, 163, 190) }
```


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

```
.border{ border-color:rgb(197, 163, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 163, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 163, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 163, 190);  
box-shadow:4px 4px 4px 4px rgb(197, 163,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4174, 41.7824, 54.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 163, 190) }
```

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

```
.background{ background-color: rgb(197,  
163, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor