

Converting Colors

XYZ(45.9377, 42.1767, 50.8008)

Have a look what the booklet for
XYZ(45.9377, 42.1767, 50.8008)
contains.

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Color

**XYZ(45.8363, 42.0726,
51.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A3B8
RGB	201, 163, 184
RGB Percent	79%, 64%, 72%
CMY	0.2118, 0.3608, 0.2784
CMYK	0.00, 0.19, 0.08, 0.21
HSL	327°, 26%, 71%
HSV	327°, 19%, 79%
XYZ	45.8363, 42.0726, 51.0524
YIQ	176.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

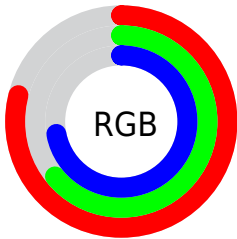
Format	Color
R _Y B	201, 163, 184
Decimal	13214648
CIE Lab	70.92, 17.44, -5.51
CIE LCh	71, 18.288, 342.460
Yxy	42.0726, 0.3298, 0.3028
Android (android.graphics.Color)	4291404728 (0xFFC9A3B8)
YUV	176.7560, 3.5713, 21.2620
Hunter-Lab	64.8634, 12.6277, -1.2613

Details

The XYZ color **45.8363, 42.0726, 51.0524** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2308, 52.8562, 51.0535**, and the grayscale version is **41.6390, 43.8075, 47.7063**.

A 20% lighter version of the original color is **82.0396, 77.6941, 93.1106**, and **21.8138, 19.2106, 24.0310** is the 20% darker color. If you saturate the color by 10%, you get **41.6345, 35.1294, 45.1479**, and if you desaturate by 10%, it is **50.6677, 50.1779, 57.4634**.

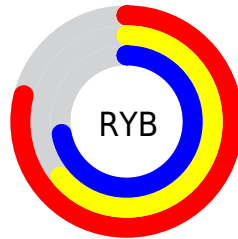
Distribution



Red (79%)

Green (64%)

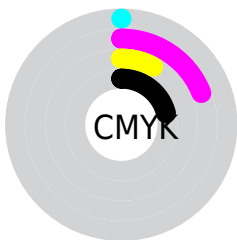
Blue (72%)



Red (79%)

Yellow (64%)

Blue (72%)

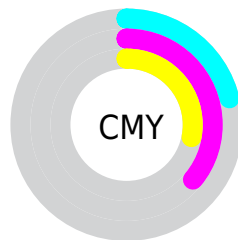


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8363, 42.0726, 51.0524 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 45.8363, 42.0726, 51.0524 by changing the saturation by 10% instead.


 45.8363, 42.0726,
51.0524


 45.8363, 42.0726,
51.0524

360.8771,
354.7838, 407.6197

 32.3207, 29.1581,
35.8733


 83.2033, 78.3095,
93.1445

 21.7633, 19.2005,
24.0474


 107.7855,
102.4007, 120.8946

 13.7987, 11.8152,
15.1563


136.7872,
130.9863, 153.6721

 8.0616, 6.6180,
8.7813

170.5739,
164.4507, 191.8956

 4.1865, 3.2244,
4.5040

209.5109,
203.1782, 235.9835

 1.8082, 1.2500,
1.9057

253.9635,

 0.5226, 0.1020,

247.5533, 286.3545

0.4963

304.2971,
297.9604, 343.4270

■ 0.0000, 0.0000,
0.0000

■ 45.8363, 42.0726,
51.0524

■ 45.8363, 42.0726,
51.0524

■ 41.6345, 35.1294,
45.1479

■ 50.6677, 50.1779,
57.4634

■ 38.0307, 29.2889,
39.7326

■ 56.1511, 59.4900,
64.3923

■ 34.9962, 24.4945,
34.7917

■ 62.3122, 70.0583,
71.8532

■ 32.4983, 20.6828,
30.3085

■ 69.1743, 81.9275,
79.8590

■ 30.5007, 17.7831,
26.2649

■ 73.9857, 89.5929,
87.4974

■ 28.9622, 15.7153,
22.6412

■ 75.2742, 90.1082,
94.2825

■ 27.8347, 14.3849,
19.4149

■ 76.6287, 90.6500,
101.4151

■ 27.0394, 13.6366,
16.5530

■ 77.8976, 91.1576,
108.0973

■ 26.9608, 13.5669,
16.2572

Harmonies

Analogous

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



44.0736, 42.0726, 59.3300



45.8363, 42.0726, 51.0524



45.9836, 42.0726, 42.2860

Triad

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



45.8363, 42.0726, 51.0524



38.7386, 42.0726, 31.3078



35.8223, 42.0726, 58.0898

Complementary

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



45.8363, 42.0726, 51.0524



44.2308, 52.8562, 51.0535

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.



34.5390, 42.0726, 49.5244



45.8363, 42.0726, 51.0524



36.1644, 42.0726, 34.5177

Square

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



45.8363, 42.0726, 51.0524



41.7797, 42.0726, 31.6073



34.6610, 42.0726, 40.9392



38.2498, 42.0726, 63.7339

Rectangle

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



45.8363, 42.0726, 51.0524



45.1361, 42.0726, 37.3855



34.6610, 42.0726, 40.9392



35.2484, 42.0726, 55.4134

Sweetspot

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



45.8375, 42.0745, 51.0533



89.2791, 90.1906, 101.6358



42.3399, 40.0530, 60.7583



18.9804, 19.0860, 21.5893



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.



45.8375, 42.0745, 51.0533



75.1683, 66.5417, 82.8348



44.0263, 41.3500, 41.5155



10.8750, 10.7334, 12.3252



16.9985, 8.5490, 10.4679



0.8410, 0.4192, 0.6858

Inverse Universe

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



45.8375, 42.0745, 51.0533



75.1683, 66.5417, 82.8348



46.2392, 53.6596, 61.6297



10.8750, 10.7334, 12.3252



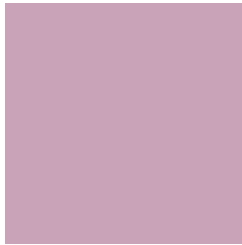
16.9985, 8.5490, 10.4679



0.8410, 0.4192, 0.6858

Previews

White Background



This preview shows how the XYZ color 45.8363, 42.0726, 51.0524 looks on a white background.

Color Contrast Check

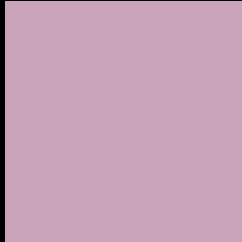
Large Text (above 18pt) WCAG AA × Fail

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 45.8363, 42.0726, 51.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

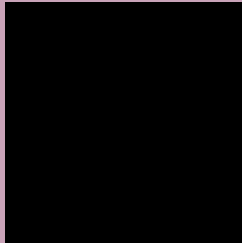
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8363, 42.0726, 51.0524

Background



This preview shows how black text looks on a background with the XYZ color 45.8363, 42.0726, 51.0524.



This preview shows how white text looks on a background with the XYZ color 45.8363, 42.0726,

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

45.8363, 42.0726, 51.0524

Protanopia

41.2511, 42.3755, 54.7203

Deuteranopia

42.9849, 42.2339, 50.6862



Tritanopia

45.0307, 42.0046, 47.3293

Trichromacy



Original Color

45.8363, 42.0726, 51.0524

Protanomaly

42.7935, 42.0741, 53.4426

Deuteranomaly

43.8518, 42.1327, 50.6209

Tritanomaly

45.3331, 42.1256, 48.9218

Monochromacy



Original Color

45.8363, 42.0726, 51.0524

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.2404, 43.2394, 49.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8363, 42.0726, 51.0524 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(201, 163, 184)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 184)  
}
```

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(201, 163, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.8363, 42.0726, 51.0524 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(201, 163, 184) }
```


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

```
.border{ border-color:rgb(201, 163, 184) }
```

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

Here you see how a box with a 4 pixel rgb(201, 163, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 184);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8363, 42.0726, 51.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 184) }
```

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

```
.background{ background-color: rgb(201,  
163, 184) }
```

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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