

Converting Colors

XYZ(51.9832, 45.9453, 79.5114)

Have a look what the booklet for
XYZ(51.9832, 45.9453, 79.5114)
contains.

XYZ(52.0936, 46.0242, 79.5367)	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(52.0936, 46.0242,
79.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A8E4
RGB	201, 168, 228
RGB Percent	79%, 66%, 89%
CMY	0.2118, 0.3412, 0.1059
CMYK	0.12, 0.26, 0.00, 0.11
HSL	273°, 53%, 78%
HSV	273°, 26%, 89%
XYZ	52.0936, 46.0242, 79.5367
YIQ	184.7070, 0.4080, 25.6560

Conversions

Conversions Part 2

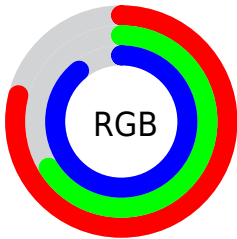
Format	Color
R _Y B	201, 168, 228
Decimal	13215972
CIE Lab	73.56, 23.14, -25.71
CIE LCh	74, 34.590, 311.998
Yxy	46.0242, 0.2932, 0.2591
Android (android.graphics.Color)	4291406052 (0xFFC9A8E4)
YUV	184.7070, 21.3434, 14.2890
Hunter-Lab	67.8411, 18.3439, -22.0226

Details

The XYZ color **52.0936, 46.0242, 79.5367** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.3185, 69.9172, 47.5223**, and the grayscale version is **45.8378, 48.2249, 52.5169**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **25.5458, 21.5803, 41.8487** is the 20% darker color. If you saturate the color by 10%, you get **45.5813, 36.9577, 78.1306**, and if you desaturate by 10%, it is **59.5311, 56.6655, 81.1994**.

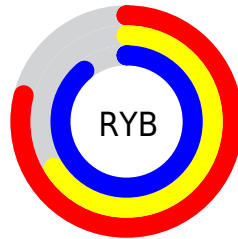
Distribution



Red (79%)

Green (66%)

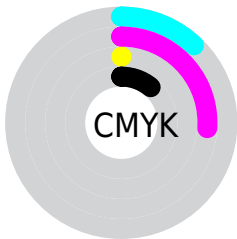
Blue (89%)



Red (79%)

Yellow (66%)

Blue (89%)

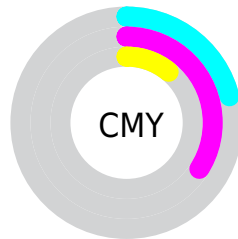


Cyan (12%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0936, 46.0242, 79.5367 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 52.0936, 46.0242, 79.5367 by changing the saturation by 10% instead.

■ 52.0936, 46.0242,
79.5367

■ 52.0936, 46.0242,
79.5367

385.1159,
370.9059, 513.0356

■ 37.3043, 32.2649,
58.8133

■ 92.4427, 84.2552,
134.5197

■ 25.6179, 21.5639,
42.0438

■ 118.7331,
109.4957, 169.6163

■ 16.6692, 13.5368,
28.8098

149.5880,
139.3321, 210.3410

■ 10.0928, 7.7992,
18.6926

185.3726,
174.1488, 257.1124

■ 5.5232, 3.9668,
11.2738

226.4523,
214.3301, 310.3491

■ 2.5953, 1.6550,
6.1348

273.1926,

■ 0.9436, 0.3943,

260.2605, 370.4694

2.8571

325.9586,
312.3243, 437.8921

■ 0.0000, 0.0000,
1.0222

■ 0.0000, 0.0000,
0.0000

■ 52.0936, 46.0242,
79.5367

■ 52.0936, 46.0242,
79.5367

■ 45.5813, 36.9577,
78.1306

■ 59.5311, 56.6655,
81.1994

■ 39.9477, 29.3812,
76.9652

■ 67.9284, 68.9490,
83.1278

■ 35.1484, 23.2108,
76.0271

■ 77.3240, 82.9451,
85.3341

■ 31.1333, 18.3514,
75.3008

■ 86.3964, 96.0063,
87.3770

■ 27.8457, 14.6959,
74.7684

■ 90.0185, 97.8736,
87.5465

■ 25.2202, 12.1191,
74.4095

■ 91.0037, 98.3815,
87.5926

■ 23.1756, 10.4652,
74.1980

■ 22.5195, 9.9915,
74.1411

Harmonies

Analogous

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



46.2349, 46.0242, 90.7975



52.0936, 46.0242, 79.5367



55.9077, 46.0242, 61.2570

Triad

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



52.0936, 46.0242, 79.5367



47.4801, 46.0242, 24.4236



33.2214, 46.0242, 57.4443

Complementary

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



52.0936, 46.0242, 79.5367



57.3185, 69.9172, 47.5223

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.



33.4874, 46.0242, 40.4090



52.0936, 46.0242, 79.5367



41.3454, 46.0242, 23.8626

Square

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



52.0936, 46.0242, 79.5367



53.0781, 46.0242, 30.7881



36.3390, 46.0242, 29.0208



35.5750, 46.0242, 76.1915

Rectangle

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



52.0936, 46.0242, 79.5367



56.5799, 46.0242, 48.9473



36.3390, 46.0242, 29.0208



33.0140, 46.0242, 51.2961

Sweetspot

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



52.0951, 46.0261, 79.5377



85.5868, 85.9681, 106.6903



49.8936, 53.4079, 81.0786



17.9581, 17.8702, 22.7527



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.



52.0951, 46.0261, 79.5377



62.0674, 52.2093, 101.4138



59.7263, 49.9920, 78.4538



14.3368, 14.2759, 18.1442



13.1419, 5.8408, 42.8179



1.0778, 0.4866, 3.1691

Inverse Universe

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



55.8493, 48.4413, 58.0383



67.9083, 55.9599, 68.2738



51.1491, 66.7151, 48.2138



14.6452, 14.4753, 16.3322



19.9351, 10.1083, 8.5532



1.5194, 0.7655, 0.8757

Previews

White Background



This preview shows how the XYZ color 52.0936, 46.0242, 79.5367 looks on a white background.

Color Contrast Check

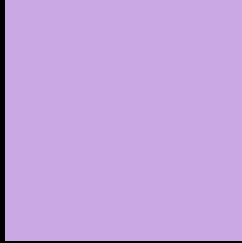
Large Text (above 18pt) WCAG AA × Fail

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 52.0936, 46.0242, 79.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

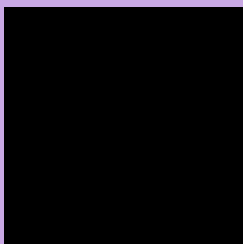
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0936, 46.0242, 79.5367

Background



This preview shows how black text looks on a background with the XYZ color 52.0936, 46.0242, 79.5367.



This preview shows how white text looks on a background with the XYZ color 52.0936, 46.0242,

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

52.0936, 46.0242, 79.5367

Protanopia

46.9863, 46.4033, 85.8372

Deuteranopia

47.1288, 46.0492, 78.3559



Tritanopia

47.0210, 45.9362, 54.5324

Trichromacy



Original Color

52.0936, 46.0242, 79.5367

Protanomaly

48.6284, 46.1268, 83.4312

Deuteranomaly

48.7683, 46.0085, 78.9832

Tritanomaly

48.5580, 45.6872, 62.7591

Monochromacy



Original Color

52.0936, 46.0242, 79.5367

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.1486, 47.5336, 61.8955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0936, 46.0242, 79.5367 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, 168, 228)` looks like.

```
.text, #text, p{  
    color:rgb(201, 168, 228)  
}
```

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, 168, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 168, 228) }
```

Border

The CSS property to change the border of an element to XYZ 52.0936, 46.0242, 79.5367 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, 168, 228) }
```


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

```
.border{ border-color:rgb(201, 168, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 168, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 168, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 168, 228);  
box-shadow:4px 4px 4px 4px rgb(201, 168,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0936, 46.0242, 79.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 168, 228) }
```

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

```
.background{ background-color: rgb(201,  
168, 228) }
```

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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