

Converting Colors

XYZ(51.2788, 46.7873, 61.9258)

Have a look what the booklet for
XYZ(51.2788, 46.7873, 61.9258)
contains.

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Color

**XYZ(51.2360, 46.8000,
62.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	D0ABCA
RGB	208, 171, 202
RGB Percent	82%, 67%, 79%
CMY	0.1843, 0.3294, 0.2078
CMYK	0.00, 0.18, 0.03, 0.18
HSL	310°, 28%, 74%
HSV	310°, 18%, 82%
XYZ	51.2360, 46.8000, 62.2100
YIQ	185.5970, 12.1010, 17.4850

Conversions

Conversions Part 2

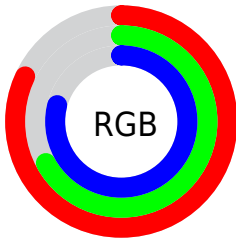
Format	Color
R_{YB}	208, 171, 202
Decimal	13675466
CIE _{Lab}	74.06, 18.73, -10.68
CIE _{LCh}	74, 21.560, 330.310
Yxy	46.8000, 0.3197, 0.2921
Android (android.graphics.Color)	4291865546 (0xFFD0ABCA)
YUV	185.5970, 8.0867, 19.6474
Hunter-Lab	68.4105, 13.9690, -6.0288

Details

The XYZ color **51.2360, 46.8000, 62.2100** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.2881, 56.9453, 50.0967**, and the grayscale version is **46.3995, 48.8159, 53.1605**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **25.0790, 22.1041, 30.9617** is the 20% darker color. If you saturate the color by 10%, you get **47.2174, 39.3944, 58.9218**, and if you desaturate by 10%, it is **55.8843, 55.4496, 65.7523**.

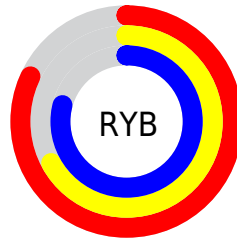
Distribution



Red (82%)

Green (67%)

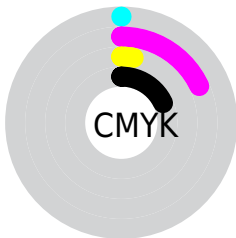
Blue (79%)



Red (82%)

Yellow (67%)

Blue (79%)

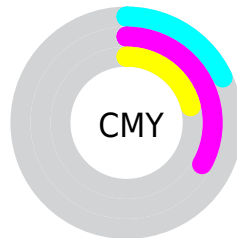


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2360, 46.8000, 62.2100 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 51.2360, 46.8000, 62.2100 by changing the saturation by 10% instead.

■ 51.2360, 46.8000,
62.2100

■ 51.2360, 46.8000,
62.2100

381.8526,
374.0156, 450.7255

■ 36.6183, 32.8776,
44.7655

■ 91.1844, 85.4150,
109.6035

■ 25.0844, 22.0327,
30.9312

117.2459,
110.8764, 140.3896

■ 16.2690, 13.8809,
20.2884

147.8526,
140.9529, 176.4601

■ 9.8068, 8.0379,
12.4187

183.3699,
176.0288, 218.2333

■ 5.3323, 4.1192,
6.9035

224.1632,
216.4887, 266.1279

■ 2.4803, 1.7405,
3.3243

270.5978,

■ 0.8853, 0.4497,

262.7169, 320.5625

1.2625

323.0392,
315.0977, 381.9555

■ 0.0000, 0.0000,
0.0308

■ 0.0000, 0.0000,
0.0000

■ 51.2360, 46.8000,
62.2100

■ 51.2360, 46.8000,
62.2100

■ 47.2174, 39.3944,
58.9218

■ 55.8843, 55.4496,
65.7523

■ 43.7955, 33.1690,
55.8747

■ 61.1852, 65.3911,
69.5550

■ 40.9405, 28.0637,
53.0591

■ 67.1655, 76.6772,
73.6277

■ 38.6184, 24.0102,
50.4634

■ 73.8492, 89.3559,
77.9788

36.7913, 20.9333,
48.0747

74.5416, 90.0376,
80.3769

35.4165, 18.7476,
45.8785

74.9899, 90.2169,
82.7381

34.4439, 17.3527,
43.8578

75.4474, 90.3999,
85.1470

33.8020, 16.6057,
41.9884

75.9139, 90.5865,
87.6038

33.6789, 16.4765,
41.5865

76.3896, 90.7768,
90.1089

Harmonies

Analogous

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



48.3282, 46.8000, 71.5657



51.2360, 46.8000, 62.2100



52.3125, 46.8000, 50.8425

Triad

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



51.2360, 46.8000, 62.2100



44.4419, 46.8000, 32.5426



38.3856, 46.8000, 62.4375

Complementary

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



51.2360, 46.8000, 62.2100



47.2881, 56.9453, 50.0967

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.



37.4747, 46.8000, 51.0722



51.2360, 46.8000, 62.2100



40.8455, 46.8000, 34.7417

Square

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



51.2360, 46.8000, 62.2100



48.2548, 46.8000, 34.6529



38.3493, 46.8000, 41.1505



40.9112, 46.8000, 71.7098

Rectangle

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



51.2360, 46.8000, 62.2100



51.8009, 46.8000, 43.9392



38.3493, 46.8000, 41.1505



37.8872, 46.8000, 58.6854

Sweetspot

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



51.2374, 46.8020, 62.2110



90.7854, 92.0007, 105.8449



43.9792, 42.9766, 65.6526



19.3082, 19.4605, 22.5651



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.



51.2374, 46.8020, 62.2110



78.9147, 69.9166, 96.7787



49.2234, 45.9965, 51.6057



12.2250, 11.9747, 14.4607



21.0205, 10.2810, 26.0778



1.1979, 0.5839, 1.5768

Inverse Universe

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



51.2374, 46.8020, 62.2110



78.9147, 69.9166, 96.7787



49.2081, 57.7133, 60.2071



12.2250, 11.9747, 14.4607



21.0205, 10.2810, 26.0778



1.1979, 0.5839, 1.5768

Previews

White Background



This preview shows how the XYZ color 51.2360, 46.8000, 62.2100 looks on a white background.

Color Contrast Check

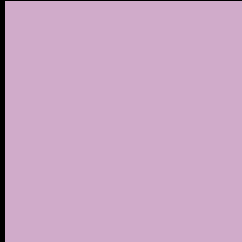
Large Text (above 18pt) WCAG AA × Fail

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 51.2360, 46.8000, 62.2100 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 51.2360, 46.8000, 62.2100

Background



This preview shows how black text looks on a background with the XYZ color 51.2360, 46.8000, 62.2100.



This preview shows how white text looks on a background with the XYZ color 51.2360, 46.8000,

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

51.2360, 46.8000, 62.2100

Protanopia

46.2691, 47.0668, 66.3207

Deuteranopia

47.7506, 46.7377, 61.7629



Tritanopia

49.5593, 46.9818, 53.4700

Trichromacy



Original Color

51.2360, 46.8000, 62.2100

Protanomaly

47.8490, 46.7193, 64.8883

Deuteranomaly

48.8985, 46.7473, 61.7042

Tritanomaly

50.1901, 46.9583, 56.2877

Monochromacy



Original Color

51.2360, 46.8000, 62.2100

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.2864, 48.3229, 56.6514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2360, 46.8000, 62.2100 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(208, 171, 202)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 202)  
}
```

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(208, 171, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 202) }
```

Border

The CSS property to change the border of an element to XYZ 51.2360, 46.8000, 62.2100 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(208, 171, 202) }
```


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

```
.border{ border-color:rgb(208, 171, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2360, 46.8000, 62.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 202) }
```

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

```
.background{ background-color: rgb(208,  
171, 202) }
```

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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