

Converting Colors

XYZ(52.4519, 46.0480, 60.6250)

Have a look what the booklet for
XYZ(52.4519, 46.0480, 60.6250)
contains.

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Color

**XYZ(52.3804, 46.0415,
60.7697)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A6C8
RGB	216, 166, 200
RGB Percent	85%, 65%, 78%
CMY	0.1529, 0.3490, 0.2157
CMYK	0.00, 0.23, 0.07, 0.15
HSL	319°, 39%, 75%
HSV	319°, 23%, 85%
XYZ	52.3804, 46.0415, 60.7697
YIQ	184.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

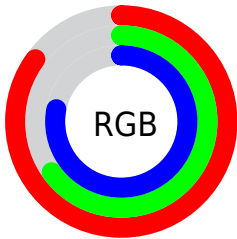
Format	Color
R _Y B	216, 166, 200
Decimal	14198472
CIE Lab	73.57, 23.85, -10.23
CIE LCh	74, 25.948, 336.777
Yxy	46.0415, 0.3290, 0.2892
Android (android.graphics.Color)	4292388552 (0xFFD8A6C8)
YUV	184.8260, 7.4808, 27.3396
Hunter-Lab	67.8539, 19.0503, -5.6022

Details

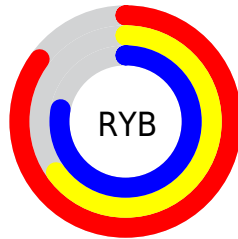
The XYZ color **52.3804, 46.0415, 60.7697** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7271, 60.5973, 53.3870**, and the grayscale version is **45.9709, 48.3650, 52.6695**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **25.9036, 21.6870, 30.0149** is the 20% darker color. If you saturate the color by 10%, you get **47.9894, 38.5227, 55.4101**, and if you desaturate by 10%, it is **57.4701, 54.8978, 66.5434**.

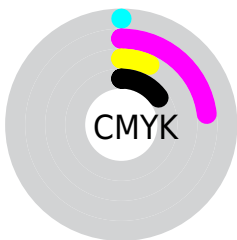
Distribution



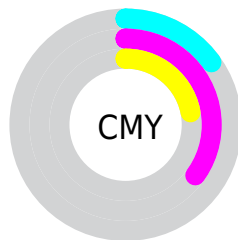
- Red (85%)
- Green (65%)
- Blue (78%)



- Red (85%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3804, 46.0415, 60.7697 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 52.3804, 46.0415, 60.7697 by changing the saturation by 10% instead.


 52.3804, 46.0415,
60.7697


 52.3804, 46.0415,
60.7697


386.2033,
370.9755, 445.3122

 37.5339, 32.2786,
43.6100

 92.8629, 84.2811,
107.4997

 25.7967, 21.5744,
30.0291


 119.2296,
109.5266, 137.9070

 16.8035, 13.5445,
19.6084


150.1671,
139.3683, 173.5674

 10.1889, 7.8045,
11.9295

186.0407,
174.1908, 214.8992

 5.5876, 3.9701,
6.5737

227.2157,
214.3783, 262.3210

 2.6342, 1.6569,
3.1226

274.0576,

 0.9634, 0.3955,

260.3154, 316.2515

1.1576

326.9317,
312.3863, 377.1090

■ 0.0000, 0.0000,
0.0000

■ 52.3804, 46.0415,
60.7697

■ 52.3804, 46.0415,
60.7697

■ 47.9894, 38.5227,
55.4101

■ 57.4701, 54.8978,
66.5434

■ 44.2596, 32.2693,
50.4483

■ 63.2854, 65.1470,
72.7411

■ 41.1561, 27.2116,
45.8708

■ 69.8570, 76.8486,
79.3756

■ 38.6391, 23.2707,
41.6618

■ 77.2123, 90.0569,
86.4584

■ 36.6640, 20.3582,
37.8039

■ 79.0116, 92.0920,
91.8785

■ 35.1793, 18.3722,
34.2775

■ 80.0276, 92.4984,
97.2287

■ 34.1231, 17.1896,
31.0593

■ 81.0829, 92.9205,
102.7856

■ 33.5758, 16.7017,
29.0066

■ 82.1292, 93.3391,
108.2953

Harmonies

Analogous

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



49.2589, 46.0415, 73.2168



52.3804, 46.0415, 60.7697



53.1202, 46.0415, 47.2082

Triad

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



52.3804, 46.0415, 60.7697



42.7281, 46.0415, 28.9928



37.0676, 46.0415, 66.8327

Complementary

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



52.3804, 46.0415, 60.7697



48.7271, 60.5973, 53.3870

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.



35.5713, 46.0415, 53.1728



52.3804, 46.0415, 60.7697



38.6883, 46.0415, 32.4934

Square

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



52.3804, 46.0415, 60.7697



47.3331, 46.0415, 30.3109



36.1433, 46.0415, 40.8132



40.3734, 46.0415, 77.1228

Rectangle

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



52.3804, 46.0415, 60.7697



52.1201, 46.0415, 39.5872



36.1433, 46.0415, 40.8132



36.3473, 46.0415, 62.3990

Sweetspot

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



52.3818, 46.0435, 60.7707



88.7114, 88.7728, 102.3171



45.2849, 42.1575, 70.7168



18.8764, 18.8043, 21.7817



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.



52.3818, 46.0435, 60.7707



72.8844, 61.2098, 84.4291



49.7110, 44.9752, 46.7066



12.7761, 12.5619, 14.7610



19.9244, 9.9061, 17.4380



1.2387, 0.6123, 1.2465

Inverse Universe

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



52.3818, 46.0435, 60.7707



72.8844, 61.2098, 84.4291



51.5254, 61.7167, 68.1226



12.7761, 12.5619, 14.7610



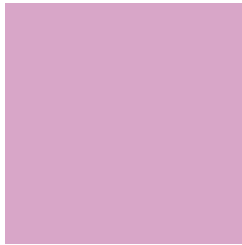
19.9244, 9.9061, 17.4380



1.2387, 0.6123, 1.2465

Previews

White Background



This preview shows how the XYZ color 52.3804, 46.0415, 60.7697 looks on a white background.

Color Contrast Check

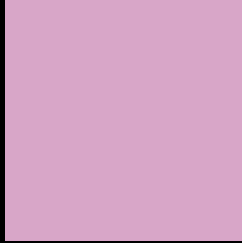
Large Text (above 18pt) WCAG AA × Fail

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 52.3804, 46.0415, 60.7697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

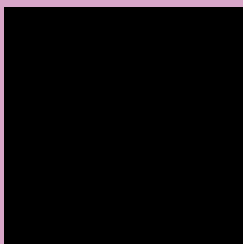
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3804, 46.0415, 60.7697

Background



This preview shows how black text looks on a background with the XYZ color 52.3804, 46.0415, 60.7697.



This preview shows how white text looks on a background with the XYZ color 52.3804, 46.0415,

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

52.3804, 46.0415, 60.7697

Protanopia

45.7344, 46.4761, 66.8819

Deuteranopia

47.2042, 46.2043, 59.8565



Tritanopia

50.3630, 46.0495, 50.4900

Trichromacy



Original Color

52.3804, 46.0415, 60.7697

Protanomaly

47.9564, 46.1925, 64.7810

Deuteranomaly

48.8807, 45.9079, 60.3177

Tritanomaly

51.2123, 46.1265, 54.3482

Monochromacy



Original Color

52.3804, 46.0415, 60.7697

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.9796, 47.2943, 55.3151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3804, 46.0415, 60.7697 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(216, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 200)  
}
```

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(216, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.3804, 46.0415, 60.7697 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(216, 166, 200) }
```


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

```
.border{ border-color:rgb(216, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(216, 166,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3804, 46.0415, 60.7697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 166, 200) }
```

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

```
.background{ background-color: rgb(216,  
166, 200) }
```

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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