

Converting Colors

XYZ(52.5597, 46.4898, 53.6815)

Have a look what the booklet for
XYZ(52.5597, 46.4898, 53.6815)
contains.

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Color

**XYZ(52.7146, 46.6404,
53.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA7BC
RGB	221, 167, 188
RGB Percent	87%, 65%, 74%
CMY	0.1333, 0.3451, 0.2627
CMYK	0.00, 0.24, 0.15, 0.13
HSL	337°, 44%, 76%
HSV	337°, 24%, 87%
XYZ	52.7146, 46.6404, 53.8011
YIQ	185.5400, 25.4430, 17.9790

Conversions

Conversions Part 2

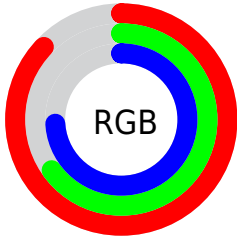
Format	Color
R _Y B	221, 167, 188
Decimal	14526396
CIE Lab	73.96, 23.05, -3.01
CIE LCh	74, 23.245, 352.552
Yxy	46.6404, 0.3442, 0.3045
Android (android.graphics.Color)	4292716476 (0xFFDDA7BC)
YUV	185.5400, 1.2128, 31.0984
Hunter-Lab	68.2938, 18.2665, 1.0976

Details

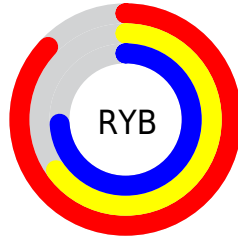
The XYZ color **52.7146, 46.6404, 53.8011** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2200, 64.0997, 64.2668**, and the grayscale version is **46.3995, 48.8159, 53.1605**.

A 20% lighter version of the original color is **83.6904, 80.0342, 96.6251**, and **26.0210, 22.0101, 25.7986** is the 20% darker color. If you saturate the color by 10%, you get **47.6182, 38.6694, 45.2518**, and if you desaturate by 10%, it is **58.6417, 56.0538, 63.3007**.

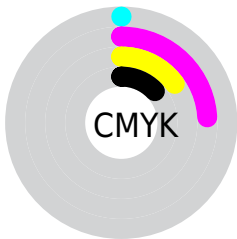
Distribution



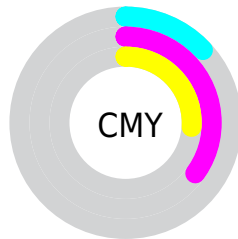
- Red (87%)
- Green (65%)
- Blue (74%)



- Red (87%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7146, 46.6404, 53.8011 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 52.7146, 46.6404, 53.8011 by changing the saturation by 10% instead.


 52.7146, 46.6404,
53.8011

 52.7146, 46.6404,
53.8011


387.4680,
373.3773, 418.5042

 37.8015, 32.7515,
38.0506


 93.3523, 85.1766,
97.2356

 26.0052, 21.9361,
25.7198


 119.8076,
110.5927, 125.7567

 16.9602, 13.8100,
16.3903


150.8411,
140.6199, 159.3716

 10.3013, 7.9886,
9.6434

186.8181,
175.6427, 198.4991

 5.6630, 4.0877,
5.0607

228.1039,
216.0454, 243.5575

 2.6799, 1.7227,
2.2235

275.0639,

 0.9869, 0.4383,

262.2125, 294.9655

0.6879

328.0635,
314.5283, 353.1416

■ 0.0000, 0.0000,
0.0000

■ 52.7146, 46.6404,
53.8011

■ 52.7146, 46.6404,
53.8011

■ 47.6182, 38.6694,
45.2518

■ 58.6417, 56.0538,
63.3007

■ 43.3098, 32.0627,
37.6187

■ 65.4319, 66.9700,
73.7775

■ 39.7484, 26.7442,
30.8694

■ 73.1205, 79.4536,
85.2607

■ 36.8879, 22.6279,
24.9685

■ 81.6102, 93.3047,
97.7343

■ 34.6765, 19.6173,
19.8775

■ 83.6290, 94.1123,
108.3655

■ 33.0545, 17.6003,
15.5544

■ 31.9502, 16.4411,
11.9514

■ 31.4961, 16.0431,
10.2270

Harmonies

Analogous

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



50.9656, 46.6404, 65.9700



52.7146, 46.6404, 53.8011



52.1082, 46.6404, 42.5205

Triad

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



52.7146, 46.6404, 53.8011



41.3425, 46.6404, 32.4810



39.6573, 46.6404, 71.1523

Complementary

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



52.7146, 46.6404, 53.8011



52.2200, 64.0997, 64.2668

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.



37.3677, 46.6404, 60.0530



52.7146, 46.6404, 53.8011



38.2975, 46.6404, 38.1271

Square

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



52.7146, 46.6404, 53.8011



45.3718, 46.6404, 31.3415



36.8858, 46.6404, 47.8808



43.3048, 46.6404, 76.9540

Rectangle

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



52.7146, 46.6404, 53.8011



50.4665, 46.6404, 36.8550



36.8858, 46.6404, 47.8808



38.7129, 46.6404, 67.8417

Sweetspot

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



52.7159, 46.6425, 53.8021



87.9106, 88.4524, 98.1000



50.5311, 45.0571, 74.4408



18.6909, 18.7301, 20.8050



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.



52.7159, 46.6425, 53.8021



69.3826, 58.9715, 68.5713



51.6243, 47.8219, 43.0714



13.2646, 13.1349, 14.6546



18.3481, 9.3403, 6.2132



1.2302, 0.6217, 0.6209

Inverse Universe

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



52.7159, 46.6425, 53.8021



69.3826, 58.9715, 68.5713



53.4425, 62.3442, 77.6241



13.2646, 13.1349, 14.6546



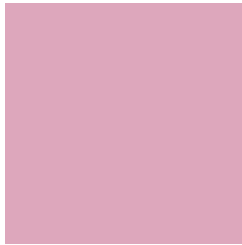
18.3481, 9.3403, 6.2132



1.2302, 0.6217, 0.6209

Previews

White Background



This preview shows how the XYZ color 52.7146, 46.6404, 53.8011 looks on a white background.

Color Contrast Check

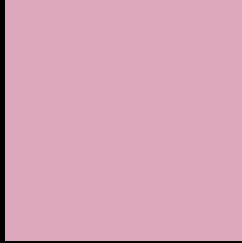
Large Text (above 18pt) WCAG AA × Fail

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 52.7146, 46.6404, 53.8011 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 52.7146, 46.6404, 53.8011

Background



This preview shows how black text looks on a background with the XYZ color 52.7146, 46.6404, 53.8011.



This preview shows how white text looks on a background with the XYZ color 52.7146, 46.6404,

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

52.7146, 46.6404, 53.8011

Protanopia

45.5437, 46.8570, 58.8685

Deuteranopia

47.6770, 46.6016, 52.9365



Tritanopia

51.8583, 46.5571, 49.9693

Trichromacy



Original Color

52.7146, 46.6404, 53.8011

Protanomaly

47.9159, 46.6367, 56.9284

Deuteranomaly

49.3668, 46.5968, 53.4059

Tritanomaly

52.1696, 46.6816, 51.6082

Monochromacy



Original Color

52.7146, 46.6404, 53.8011

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.6429, 47.9702, 53.7091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7146, 46.6404, 53.8011 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(221, 167, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 167, 188)  
}
```

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(221, 167, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 167, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.7146, 46.6404, 53.8011 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(221, 167, 188) }
```


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

```
.border{ border-color:rgb(221, 167, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 167, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 167, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 167, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 167,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7146, 46.6404, 53.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 167, 188) }
```

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

```
.background{ background-color: rgb(221,  
167, 188) }
```

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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