

Converting Colors

XYZ(51.3149, 46.0987, 46.1147)

Have a look what the booklet for
XYZ(51.3149, 46.0987, 46.1147)
contains.

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Color

**XYZ(51.2775, 46.0656,
46.2333)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA7AE
RGB	221, 167, 174
RGB Percent	87%, 65%, 68%
CMY	0.1333, 0.3451, 0.3176
CMYK	0.00, 0.24, 0.21, 0.13
HSL	352°, 44%, 76%
HSV	352°, 24%, 87%
XYZ	51.2775, 46.0656, 46.2333
YIQ	183.9440, 29.9370, 13.6250

Conversions

Conversions Part 2

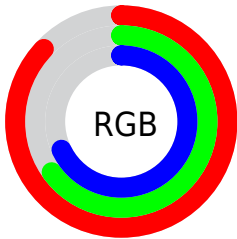
Format	Color
RYB	221, 167, 174
Decimal	14526382
CIELab	73.59, 20.88, 4.14
CIELCh	74, 21.287, 11.210
Yxy	46.0656, 0.3571, 0.3208
Android (android.graphics.Color)	4292716462 (0xFFDDA7AE)
YUV	183.9440, -4.9024, 32.4981
Hunter-Lab	67.8716, 16.0826, 7.1226

Details

The XYZ color **51.2775, 46.0656, 46.2333** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9323, 64.7846, 73.2838**, and the grayscale version is **45.5448, 47.9166, 52.1812**.

A 20% lighter version of the original color is **81.5041, 79.1597, 85.1124**, and **25.1606, 21.6659, 21.2682** is the 20% darker color. If you saturate the color by 10%, you get **45.8265, 37.9528, 35.8170**, and if you desaturate by 10%, it is **57.6915, 55.6737, 58.2968**.

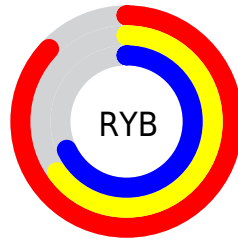
Distribution



Red (87%)

Green (65%)

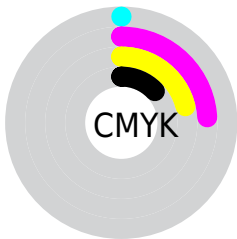
Blue (68%)



Red (87%)

Yellow (65%)

Blue (68%)

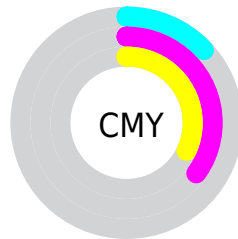


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2775, 46.0656, 46.2333 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 51.2775, 46.0656, 46.2333 by changing the saturation by 10% instead.


 51.2775, 46.0656,
46.2333


 51.2775, 46.0656,
46.2333


382.0109,
371.0723, 388.0506

 36.6514, 32.2976,
32.0800


 91.2454, 84.3172,
85.9060

 25.1102, 21.5889,
21.1573

 117.3179,
109.5695, 112.2625

 16.2883, 13.5551,
13.0466


147.9367,
139.4188, 143.5237

 9.8205, 7.8119,
7.3296

183.4670,
174.2493, 180.1083

 5.3415, 3.9748,
3.5875

224.2742,
214.4455, 222.4347

 2.4858, 1.6595,
1.4019

270.7237,

 0.8881, 0.3972,

260.3919, 270.9215

0.1432

323.1808,
312.4726, 325.9873

■ 0.0000, 0.0000,
0.0000

■ 51.2775, 46.0656,
46.2333

■ 51.2775, 46.0656,
46.2333

■ 45.8265, 37.9528,
35.8170

■ 57.6915, 55.6737,
58.2968

■ 41.2882, 31.2541,
26.9734

■ 65.1080, 66.8405,
72.0717

■ 37.6134, 25.8902,
19.6267

■ 73.5690, 79.6331,
87.6224

■ 34.7467, 21.7715,
13.6934

■ 82.9834, 93.8540,
104.9659

■ 32.6263, 18.7972,
9.0821

■ 83.6290, 94.1122,
108.3655

■ 31.1812, 16.8510,
5.6900

■ 30.3261, 15.7914,
3.3991

■ 30.0362, 15.4591,
2.5396

Harmonies

Analogous

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



51.0027, 46.0656, 57.1378



51.2775, 46.0656, 46.2333



49.4602, 46.0656, 37.6986

Triad

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



51.2775, 46.0656, 46.2333



39.1848, 46.0656, 36.1188



41.4929, 46.0656, 72.4619

Complementary

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



51.2775, 46.0656, 46.2333



53.9323, 64.7846, 73.2838

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.



38.5596, 46.0656, 65.0974



51.2775, 46.0656, 46.2333



37.2807, 46.0656, 43.7704

Square

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



51.2775, 46.0656, 46.2333



42.3914, 46.0656, 32.4423



37.0586, 46.0656, 54.2979



45.2067, 46.0656, 73.3724

Rectangle

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



51.2775, 46.0656, 46.2333



47.3645, 46.0656, 34.0906



37.0586, 46.0656, 54.2979



40.3886, 46.0656, 70.6145

Sweetspot

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



51.2788, 46.0677, 46.2342



87.2161, 88.1747, 94.4428



54.5445, 47.1262, 74.6284



18.5304, 18.6660, 19.9601



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.



51.2788, 46.0677, 46.2342



67.1374, 58.0734, 56.7483



54.5232, 53.6199, 44.0379



13.1244, 13.0788, 13.9162



17.4715, 8.9896, 1.5971



1.1548, 0.5916, 0.2241

Inverse Universe

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



51.2788, 46.0677, 46.2342



67.1374, 58.0734, 56.7483



49.9226, 55.3043, 76.4506



13.1244, 13.0788, 13.9162



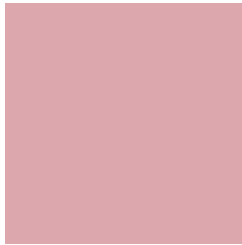
17.4715, 8.9896, 1.5971



1.1548, 0.5916, 0.2241

Previews

White Background



This preview shows how the XYZ color 51.2775, 46.0656, 46.2333 looks on a white background.

Color Contrast Check

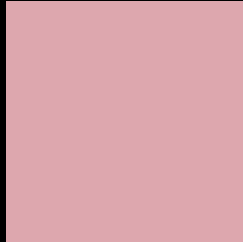
Large Text (above 18pt) WCAG AA × Fail

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 51.2775, 46.0656, 46.2333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

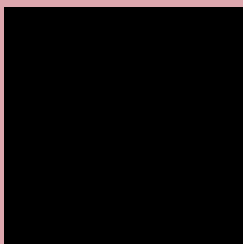
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2775, 46.0656, 46.2333

Background



This preview shows how black text looks on a background with the XYZ color 51.2775, 46.0656, 46.2333.



This preview shows how white text looks on a background with the XYZ color 51.2775, 46.0656,

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

51.2775, 46.0656, 46.2333

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

47.2299, 46.2336, 45.9699



Tritanopia

51.8971, 46.0567, 48.8024

Trichromacy



Original Color

51.2775, 46.0656, 46.2333

Protanomaly

46.3918, 45.7446, 48.5040

Deuteranomaly

48.5898, 46.0775, 45.8680

Tritanomaly

51.6962, 45.9764, 47.7446

Monochromacy



Original Color

51.2775, 46.0656, 46.2333

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.1846, 47.0064, 49.7663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2775, 46.0656, 46.2333 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(221, 167, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 167, 174) }
```

Border

The CSS property to change the border of an element to XYZ 51.2775, 46.0656, 46.2333 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, 174) }
```


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

```
.border{ border-color:rgb(221, 167, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(221, 167,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2775, 46.0656, 46.2333 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, 174) }
```

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

```
.background{ background-color: rgb(221,  
167, 174) }
```

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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