

Converting Colors

XYZ(46.1065, 41.4926, 29.6078)

Have a look what the booklet for
XYZ(46.1065, 41.4926, 29.6078)
contains.

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Color

**XYZ(46.0277, 41.3488,
29.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9E8A
RGB	219, 158, 138
RGB Percent	86%, 62%, 54%
CMY	0.1412, 0.3804, 0.4588
CMYK	0.00, 0.28, 0.37, 0.14
HSL	15°, 53%, 70%
HSV	15°, 37%, 86%
XYZ	46.0277, 41.3488, 29.5999
YIQ	173.9590, 42.7760, 6.7120

Conversions

Conversions Part 2

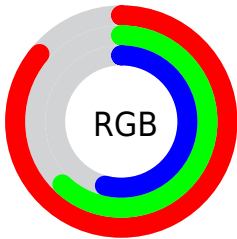
Format	Color
R _Y B	219, 165, 138
Decimal	14392970
CIE Lab	70.42, 20.14, 19.44
CIE LCh	70, 27.993, 43.979
Yxy	41.3488, 0.3935, 0.3535
Android (android.graphics.Color)	4292583050 (0xFFDB9E8A)
YUV	173.9590, -17.7278, 39.5010
Hunter-Lab	64.3030, 15.2389, 17.7198

Details

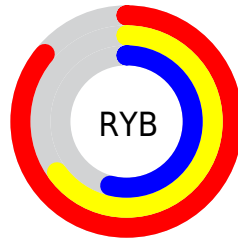
The XYZ color **46.0277, 41.3488, 29.5999** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6899, 51.3625, 74.6290**, and the grayscale version is **40.2848, 42.3827, 46.1548**.

A 20% lighter version of the original color is **74.5487, 72.6543, 59.9637**, and **21.8158, 18.6940, 11.6910** is the 20% darker color. If you saturate the color by 10%, you get **41.9726, 35.5252, 21.1987**, and if you desaturate by 10%, it is **50.7822, 48.0592, 39.8122**.

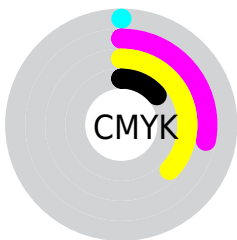
Distribution



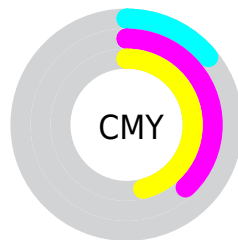
- Red (86%)
- Green (62%)
- Blue (54%)



- Red (86%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (14%)




- Cyan (14%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0277, 41.3488, 29.5999 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 46.0277, 41.3488, 29.5999 by changing the saturation by 10% instead.


 46.0277, 41.3488,
29.5999


 46.0277, 41.3488,
29.5999


361.6341,
351.7763, 314.1841


 32.4724, 28.5917,
19.2856


 83.4881, 77.2131,
60.0824

 21.8799, 18.7722,
11.6980


 108.1238,
101.0891, 81.0877

 13.8848, 11.5058,
6.4183


 137.1838,
129.4403, 106.4937

 8.1217, 6.4081,
3.0282

171.0333,
162.6509, 136.7190

 4.2254, 3.0948,
1.1091

210.0378,
201.1054, 172.1822

 1.8304, 1.1814,
0.0000

254.5625,

 0.5359, 0.0465,

245.1882, 213.3017

0.0000

304.9728,
295.2837, 260.4962

0.0000, 0.0000,
0.0000

46.0277, 41.3488,
29.5999

46.0277, 41.3488,
29.5999

41.9726, 35.5252,
21.1987

50.7822, 48.0592,
39.8122

38.5794, 30.5450,
14.4995

56.2646, 55.6857,
51.9313

35.8118, 26.3696,
9.3849

62.5058, 64.2637,
66.0487

33.6285, 22.9552,
5.7216

69.5340, 73.8248,
82.2496

31.9826, 20.2534,
3.3539

77.3756, 84.3990,
100.6142

■ 30.8165, 18.2085,
2.0799

■ 83.0234, 93.8000,
108.3372

■ 30.5366, 17.7065,
1.8082

Harmonies

Analogous

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



48.5411, 41.3488, 39.1658



46.0277, 41.3488, 29.5999



41.7972, 41.3488, 24.7710

Triad

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



46.0277, 41.3488, 29.5999



31.3848, 41.3488, 38.3753



41.4803, 41.3488, 74.4080

Complementary

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



46.0277, 41.3488, 29.5999



43.6899, 51.3625, 74.6290

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.



36.9058, 41.3488, 74.0814



46.0277, 41.3488, 29.5999



31.3145, 41.3488, 51.4342

Square

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



46.0277, 41.3488, 29.5999



33.4636, 41.3488, 29.1191



33.2635, 41.3488, 65.0414



45.7801, 41.3488, 65.8618

Rectangle

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



46.0277, 41.3488, 29.5999



38.6891, 41.3488, 24.1555



33.2635, 41.3488, 65.0414



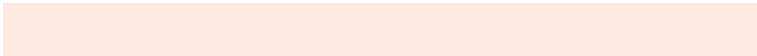
39.9189, 41.3488, 75.3772

Sweetspot

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



46.0288, 41.3508, 29.6007



84.4862, 85.5793, 84.7024



48.7391, 37.4122, 59.3574



17.8250, 17.9623, 17.5449



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.



46.0288, 41.3508, 29.6007



60.6534, 52.1784, 32.7819



53.8582, 57.0096, 32.2105



13.3160, 13.5713, 13.6433



18.1797, 10.6450, 1.0965



1.2458, 0.8257, 0.0937

Inverse Universe

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



43.6899, 51.3625, 74.6290



56.8914, 68.1384, 104.7613



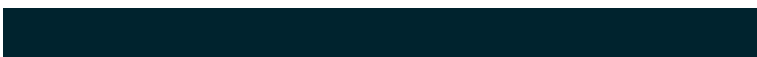
35.7693, 35.5213, 71.9888



13.1583, 14.2564, 16.7104



15.6409, 19.1512, 42.6106



1.0795, 1.3730, 2.7826

Previews

White Background



This preview shows how the XYZ color 46.0277, 41.3488, 29.5999 looks on a white background.

Color Contrast Check

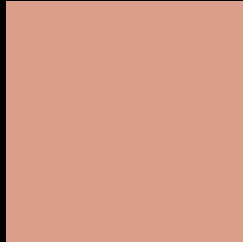
Large Text (above 18pt) WCAG AA × Fail

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 46.0277, 41.3488, 29.5999 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 46.0277, 41.3488, 29.5999

Background



This preview shows how black text looks on a background with the XYZ color 46.0277, 41.3488, 29.5999.



This preview shows how white text looks on a background with the XYZ color 46.0277, 41.3488,

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

46.0277, 41.3488, 29.5999

Protanopia

39.1548, 41.4945, 32.7336

Deuteranopia

42.2390, 41.4961, 29.4502



Tritanopia

48.5627, 41.3940, 41.5067

Trichromacy



Original Color

46.0277, 41.3488, 29.5999

Protanomaly

41.2069, 41.1925, 31.3703

Deuteranomaly

43.6250, 41.4104, 29.3606

Tritanomaly

47.5409, 41.2151, 36.9021

Monochromacy



Original Color

46.0277, 41.3488, 29.5999

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6709, 41.5256, 39.5372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0277, 41.3488, 29.5999 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(219, 158, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 138)  
}
```

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(219, 158, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 138) }
```

Border

The CSS property to change the border of an element to XYZ 46.0277, 41.3488, 29.5999 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(219, 158, 138) }
```


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

```
.border{ border-color:rgb(219, 158, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 158, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0277, 41.3488, 29.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 158, 138) }
```

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

```
.background{ background-color: rgb(219,  
158, 138) }
```

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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