

Converting Colors

XYZ(42.4616, 33.2015, 28.5967)

Have a look what the booklet for
XYZ(42.4616, 33.2015, 28.5967)
contains.

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Color

**XYZ(42.4616, 33.2015,
28.5967)**

Conversions

Conversions Part 1

Format	Color
Hex	DD828B
RGB	221, 130, 139
RGB Percent	87%, 51%, 55%
CMY	0.1333, 0.4902, 0.4549
CMYK	0.00, 0.41, 0.37, 0.13
HSL	354°, 57%, 69%
HSV	354°, 41%, 87%
XYZ	42.4616, 33.2015, 28.5967
YIQ	158.2350, 51.3470, 22.0910

Conversions

Conversions Part 2

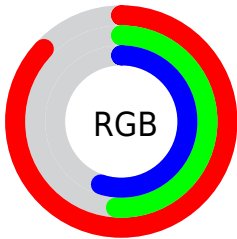
Format	Color
R_{YB}	221, 130, 139
Decimal	14516875
CIE _{Lab}	64.32, 36.01, 10.41
CIE _{LCh}	64, 37.480, 16.124
Yxy	33.2015, 0.4073, 0.3184
Android (android.graphics.Color)	4292706955 (0xFFDD828B)
YUV	158.2350, -9.4829, 55.0449
Hunter-Lab	57.6207, 30.7031, 10.9094

Details

The XYZ color **42.4616, 33.2015, 28.5967** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.9476, 61.2129, 71.6315**, and the grayscale version is **32.6323, 34.3317, 37.3872**.

A 20% lighter version of the original color is **67.8949, 59.3468, 57.7458**, and **19.7034, 14.0998, 11.1342** is the 20% darker color. If you saturate the color by 10%, you get **38.5063, 27.4114, 20.7412**, and if you desaturate by 10%, it is **47.3150, 40.3634, 38.0600**.

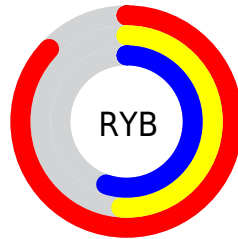
Distribution



Red (87%)

Green (51%)

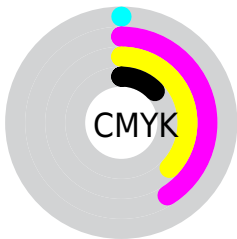
Blue (55%)



Red (87%)

Yellow (51%)

Blue (55%)

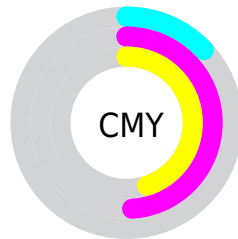


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (13%)



Cyan (13%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4616, 33.2015, 28.5967 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 42.4616, 33.2015, 28.5967 by changing the saturation by 10% instead.


 42.4616, 33.2015,
28.5967


 42.4616, 33.2015,
28.5967


347.3521,
316.5567, 309.3085


 29.6556, 22.2809,
18.5330


 78.1586, 64.6900,
58.4702

 19.7241, 14.0634,
11.1599


 101.7802, 86.0266,
79.1171

 12.3017, 8.1648,
6.0590


 129.7378,
111.6040, 104.1288

 7.0232, 4.2006,
2.8116

162.3967,
141.8066, 133.9239

 3.5231, 1.7864,
0.9993

200.1222,
177.0188, 168.9208

 1.4360, 0.4787,
0.0000

243.2797,

 0.2817, 0.0000,

217.6250, 209.5382

0.0000

292.2345,
264.0095, 256.1946

■ 0.0000, 0.0000,
0.0000

■ 42.4616, 33.2015,
28.5967

■ 42.4616, 33.2015,
28.5967

■ 38.5063, 27.4114,
20.7412

■ 47.3150, 40.3634,
38.0600

■ 35.3914, 22.9009,
14.4021

■ 53.1143, 48.9718,
49.2118

■ 33.0562, 19.5741,
9.4818

■ 59.9073, 59.1020,
62.1294

■ 31.4311, 17.3196,
5.8704

■ 67.7374, 70.8225,
76.8851

■ 30.4336, 16.0045,
3.4417

■ 76.6457, 84.1978,
93.5469

■ 29.9621, 15.4295,
2.1503

■ 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



42.5886, 33.2015, 43.6562



42.4616, 33.2015, 28.5967



39.2064, 33.2015, 18.8525

Triad

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



42.4616, 33.2015, 28.5967



24.7310, 33.2015, 19.3852



29.1626, 33.2015, 72.7870

Complementary

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



42.4616, 33.2015, 28.5967



46.9476, 61.2129, 71.6315

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.



24.9735, 33.2015, 61.7040



42.4616, 33.2015, 28.5967



22.6167, 33.2015, 29.5590

Square

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



42.4616, 33.2015, 28.5967



28.7955, 33.2015, 14.6500



22.7002, 33.2015, 44.9302



34.4897, 33.2015, 72.3126

Rectangle

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



42.4616, 33.2015, 28.5967



35.8895, 33.2015, 15.4058



22.7002, 33.2015, 44.9302



27.5881, 33.2015, 70.1796

Sweetspot

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



42.4625, 33.2031, 28.5973



81.9271, 80.3561, 84.1731



48.1573, 35.1696, 72.6568



17.2574, 16.7838, 17.4889



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.



42.4625, 33.2031, 28.5973



54.1420, 39.2036, 30.4630



47.5581, 44.4034, 27.1854



13.1081, 13.0723, 13.8304



17.4245, 8.9708, 1.3493



1.1471, 0.5885, 0.1834

Inverse Universe

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



42.4625, 33.2031, 28.5973



54.1420, 39.2036, 30.4630



39.5239, 44.4986, 74.9125



13.1081, 13.0723, 13.8304



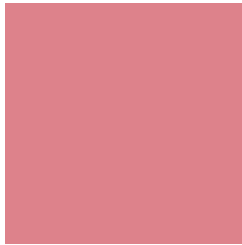
17.4245, 8.9708, 1.3493



1.1471, 0.5885, 0.1834

Previews

White Background



This preview shows how the XYZ color 42.4616, 33.2015, 28.5967 looks on a white background.

Color Contrast Check

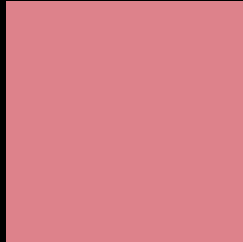
Large Text (above 18pt) WCAG AA × Fail

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 42.4616, 33.2015, 28.5967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

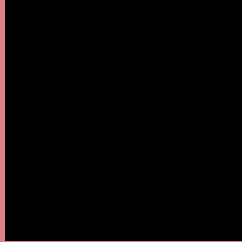
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4616, 33.2015, 28.5967

Background



This preview shows how black text looks on a background with the XYZ color 42.4616, 33.2015, 28.5967.



This preview shows how white text looks on a background with the XYZ color 42.4616, 33.2015,

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

42.4616, 33.2015, 28.5967

Protanopia

32.1354, 33.5504, 34.9192

Deuteranopia

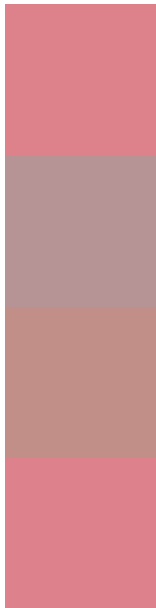
34.0302, 33.4662, 27.5877



Tritanopia

42.5350, 33.2309, 28.9833

Trichromacy



Original Color

42.4616, 33.2015, 28.5967

Protanomaly

35.0704, 32.9506, 32.5287

Deuteranomaly

36.5145, 32.8918, 27.7168

Tritanomaly

42.5350, 33.2309, 28.9833

Monochromacy



Original Color

42.4616, 33.2015, 28.5967

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.2319, 33.2379, 33.8368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4616, 33.2015, 28.5967 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, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(221, 130, 139)  
}
```

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, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 130, 139) }
```

Border

The CSS property to change the border of an element to XYZ 42.4616, 33.2015, 28.5967 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, 130, 139) }
```


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

```
.border{ border-color:rgb(221, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(221, 130,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4616, 33.2015, 28.5967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 130, 139) }
```

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

```
.background{ background-color: rgb(221,  
130, 139) }
```

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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