

Converting Colors

XYZ(42.7618, 33.3830, 28.7447)

Have a look what the booklet for
XYZ(42.7618, 33.3830, 28.7447)
contains.

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Color

**XYZ(42.7670, 33.3589,
28.6109)**

Conversions

Conversions Part 1

Format	Color
Hex	DE828B
RGB	222, 130, 139
RGB Percent	87%, 51%, 55%
CMY	0.1294, 0.4902, 0.4549
CMYK	0.00, 0.41, 0.37, 0.13
HSL	354°, 58%, 69%
HSV	354°, 41%, 87%
XYZ	42.7670, 33.3589, 28.6109
YIQ	158.5340, 51.9430, 22.3030

Conversions

Conversions Part 2

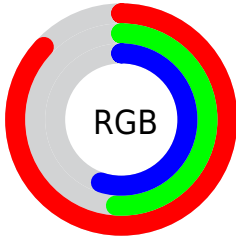
Format	Color
R _Y B	222, 130, 139
Decimal	14582411
CIE Lab	64.45, 36.37, 10.61
CIE LCh	64, 37.888, 16.257
Yxy	33.3589, 0.4083, 0.3185
Android (android.graphics.Color)	4292772491 (0xFFDE828B)
YUV	158.5340, -9.6303, 55.6597
Hunter-Lab	57.7572, 31.0975, 11.0598

Details

The XYZ color **42.7670, 33.3589, 28.6109** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.3390, 61.7932, 72.3864**, and the grayscale version is **32.7688, 34.4753, 37.5436**.

A 20% lighter version of the original color is **67.8949, 59.3468, 57.7458**, and **19.9090, 14.2057, 11.1439** is the 20% darker color. If you saturate the color by 10%, you get **38.7944, 27.5451, 20.7158**, and if you desaturate by 10%, it is **47.6465, 40.5572, 38.1317**.

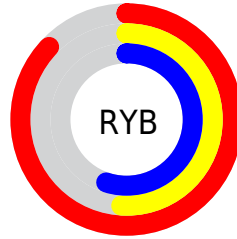
Distribution



Red (87%)

Green (51%)

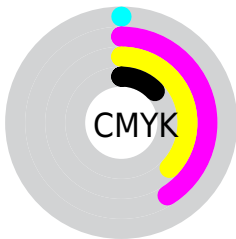
Blue (55%)



Red (87%)

Yellow (51%)

Blue (55%)

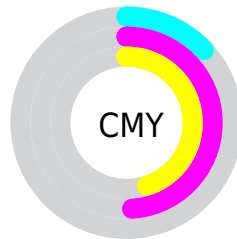


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (13%)



Cyan (13%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7670, 33.3589, 28.6109 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 42.7670, 33.3589, 28.6109 by changing the saturation by 10% instead.


 42.7670, 33.3589,
28.6109


 42.7670, 33.3589,
28.6109

348.5905,
317.2639, 309.3779


 29.8961, 22.4015,
18.5436


 78.6170, 64.9355,
58.4931

 19.9074, 14.1522,
11.1675


 102.3269, 86.3234,
79.1451

 12.4356, 8.2266,
6.0640

 130.3804,
111.9571, 104.1624

 7.1154, 4.2403,
2.8146

163.1429,
142.2207, 133.9636

 3.5813, 1.8089,
1.0008

200.9798,
177.4989, 168.9672

 1.4681, 0.4927,
0.0000

244.2565,

 0.3040, 0.0000,

218.1758, 209.5918

0.0000

293.3382,
264.6360, 256.2558

■ 0.0000, 0.0000,
0.0000

■ 42.7670, 33.3589,
28.6109

■ 42.7670, 33.3589,
28.6109

■ 38.7944, 27.5451,
20.7158

■ 47.6465, 40.5572,
38.1317

■ 35.6700, 23.0222,
14.3536

■ 53.4815, 49.2159,
49.3603

■ 33.3324, 19.6930,
9.4248

■ 60.3202, 59.4110,
62.3752

■ 31.7107, 17.4443,
5.8176

■ 68.2069, 71.2122,
77.2499

■ 30.7210, 16.1411,
3.4032

■ 77.1831, 84.6845,
94.0535

■ 30.2662, 15.5864,
2.1576

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



42.9112, 33.3589, 43.8622



42.7670, 33.3589, 28.6109



39.4490, 33.3589, 18.7834

Triad

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



42.7670, 33.3589, 28.6109



24.7755, 33.3589, 19.3844



29.3011, 33.3589, 73.5838

Complementary

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



42.7670, 33.3589, 28.6109



47.3390, 61.7932, 72.3864

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.



25.0499, 33.3589, 62.3475



42.7670, 33.3589, 28.6109



22.6449, 33.3589, 29.6999

Square

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



42.7670, 33.3589, 28.6109



28.8854, 33.3589, 14.5861



22.7393, 33.3589, 45.3077



34.7059, 33.3589, 73.0442

Rectangle

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



42.7670, 33.3589, 28.6109



36.0780, 33.3589, 15.3216



22.7393, 33.3589, 45.3077



27.7035, 33.3589, 70.9467

Sweetspot

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



42.7679, 33.3606, 28.6115



81.9226, 80.3543, 84.1491



48.5510, 35.3571, 73.3729



17.2564, 16.7834, 17.4833



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.



42.7679, 33.3606, 28.6115



53.6253, 38.4607, 29.3953



47.9366, 44.7070, 27.2240



13.7614, 13.7222, 14.5138



17.9960, 9.2654, 1.3786



1.2662, 0.6498, 0.1947

Inverse Universe

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



42.7679, 33.3606, 28.6115



53.6253, 38.4607, 29.3953



39.7830, 44.8029, 75.6582



13.7614, 13.7222, 14.5138



17.9960, 9.2654, 1.3786



1.2662, 0.6498, 0.1947

Previews

White Background



This preview shows how the XYZ color 42.7670, 33.3589, 28.6109 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 42.7670, 33.3589, 28.6109 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 42.7670, 33.3589, 28.6109

Background



This preview shows how black text looks on a background with the XYZ color 42.7670, 33.3589, 28.6109.



This preview shows how white text looks on a background with the XYZ color 42.7670, 33.3589,

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

42.7670, 33.3589, 28.6109

Protanopia

32.1354, 33.5504, 34.9192

Deuteranopia

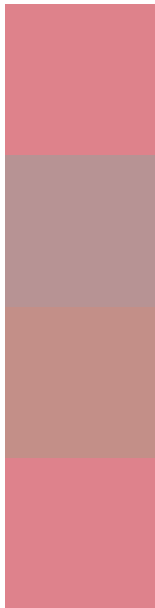
34.0302, 33.4662, 27.5877



Tritanopia

42.8405, 33.3883, 28.9976

Trichromacy



Original Color

42.7670, 33.3589, 28.6109

Protanomaly

35.3075, 33.0728, 32.5398

Deuteranomaly

36.7721, 33.0246, 27.7288

Tritanomaly

42.8405, 33.3883, 28.9976

Monochromacy



Original Color

42.7670, 33.3589, 28.6109

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.5488, 33.3919, 34.2774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7670, 33.3589, 28.6109 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(222, 130, 139)` looks like.

```
.text, #text, p{  
  color:rgb(222, 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(222, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 130, 139) }
```

Border

The CSS property to change the border of an element to XYZ 42.7670, 33.3589, 28.6109 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(222, 130, 139) }
```


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

```
.border{ border-color:rgb(222, 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(222, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 130, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 130, 139); box-shadow:4px 4px 4px 4px rgb(222, 130, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7670, 33.3589, 28.6109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 130, 139) }
```

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

```
.background{ background-color: rgb(222,  
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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