

Converting Colors

XYZ(43.6479, 33.8552, 30.7797)

Have a look what the booklet for
XYZ(43.6479, 33.8552, 30.7797)
contains.

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Color

**XYZ(43.4481, 33.6669,
30.5939)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8290
RGB	223, 130, 144
RGB Percent	87%, 51%, 56%
CMY	0.1255, 0.4902, 0.4353
CMYK	0.00, 0.42, 0.35, 0.13
HSL	351°, 59%, 69%
HSV	351°, 42%, 87%
XYZ	43.4481, 33.6669, 30.5939
YIQ	159.4030, 50.9340, 24.0700

Conversions

Conversions Part 2

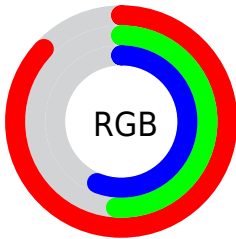
Format	Color
R _Y B	223, 130, 144
Decimal	14647952
CIE Lab	64.70, 37.33, 8.14
CIE LCh	65, 38.209, 12.298
Yxy	33.6669, 0.4034, 0.3126
Android (android.graphics.Color)	4292838032 (0xFFDF8290)
YUV	159.4030, -7.5937, 55.7746
Hunter-Lab	58.0232, 32.1213, 9.3544

Details

The XYZ color **43.4481, 33.6669, 30.5939** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.1039, 62.1254, 69.8340**, and the grayscale version is **33.1575, 34.8842, 37.9889**.

A 20% lighter version of the original color is **68.5735, 59.6182, 61.3193**, and **20.2618, 14.2563, 12.2735** is the 20% darker color. If you saturate the color by 10%, you get **39.4684, 27.8334, 22.7132**, and if you desaturate by 10%, it is **48.3154, 40.8864, 39.9698**.

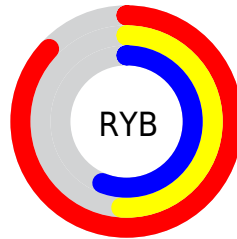
Distribution



Red (87%)

Green (51%)

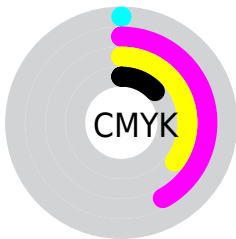
Blue (56%)



Red (87%)

Yellow (51%)

Blue (56%)

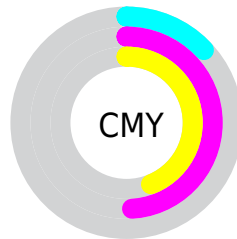


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4481, 33.6669, 30.5939 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 43.4481, 33.6669, 30.5939 by changing the saturation by 10% instead.


 43.4481, 33.6669,
30.5939

 43.4481, 33.6669,
30.5939

351.3417,
318.6442, 318.9561


 30.4329, 22.6378,
20.0339


 79.6381, 65.4153,
61.6722

 20.3171, 14.3263,
12.2354

 103.5437, 86.9035,
83.0276

 12.7354, 8.3480,
6.7797


 131.8100,
112.6468, 108.8186

 7.3223, 4.3184,
3.2484

164.8026,
143.0296, 139.4637

 3.7126, 1.8532,
1.2228

202.8867,
178.4364, 175.3815

 1.5409, 0.5200,
0.0000

246.4276,

 0.3534, 0.0000,

219.2515, 216.9904

0.0000

295.7909,
265.8593, 264.7091

■ 0.0000, 0.0000,
0.0000

■ 43.4481, 33.6669,
30.5939

■ 43.4481, 33.6669,
30.5939

■ 39.4684, 27.8334,
22.7132

■ 48.3154, 40.8864,
39.9698

■ 36.3194, 23.2921,
16.2480

■ 54.1169, 49.5677,
50.9111

■ 33.9420, 19.9457,
11.1139

■ 60.8994, 59.7872,
63.4858

■ 32.2679, 17.6806,
7.2168

■ 68.7056, 71.6143,
77.7573

■ 31.2163, 16.3613,
4.4496

■ 77.5757, 85.1143,
93.7857

■ 30.7138, 15.8009,
2.9113

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



43.1333, 33.6669, 46.6289



43.4481, 33.6669, 30.5939



40.4502, 33.6669, 19.8577

Triad

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



43.4481, 33.6669, 30.5939



25.4143, 33.6669, 18.5495



28.8988, 33.6669, 73.6118

Complementary

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



43.4481, 33.6669, 30.5939



47.1039, 62.1254, 69.8340

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.



24.8161, 33.6669, 60.9700



43.4481, 33.6669, 30.5939



22.9680, 33.6669, 28.2198

Square

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



43.4481, 33.6669, 30.5939



29.8055, 33.6669, 14.3590



22.7623, 33.6669, 43.4737



34.2984, 33.6669, 74.7912

Rectangle

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



43.4481, 33.6669, 30.5939



37.1562, 33.6669, 15.8929



22.7623, 33.6669, 43.4737



27.3432, 33.6669, 70.4251

Sweetspot

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



43.4490, 33.6686, 30.5945



81.1643, 78.9601, 83.5194



47.1751, 34.6323, 74.0103



16.9189, 16.2163, 17.0387



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.



43.4490, 33.6686, 30.5945



54.1361, 38.6650, 32.0851



47.2067, 42.7911, 26.8928



13.7909, 13.7340, 14.6690



18.0850, 9.3010, 1.8476



1.2802, 0.6554, 0.2684

Inverse Universe

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



43.4490, 33.6686, 30.5945



54.1361, 38.6650, 32.0851



41.3763, 47.7742, 76.8526



13.7909, 13.7340, 14.6690



18.0850, 9.3010, 1.8476



1.2802, 0.6554, 0.2684

Previews

White Background



This preview shows how the XYZ color 43.4481, 33.6669, 30.5939 looks on a white background.

Color Contrast Check

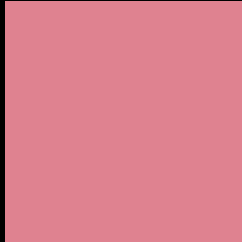
Large Text (above 18pt) WCAG AA × Fail

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 43.4481, 33.6669, 30.5939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

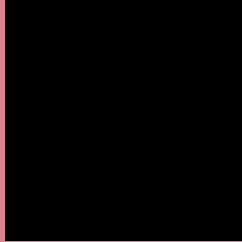
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4481, 33.6669, 30.5939

Background



This preview shows how black text looks on a background with the XYZ color 43.4481, 33.6669, 30.5939.

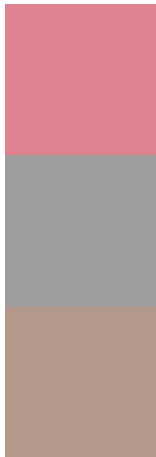


This preview shows how white text looks on a background with the XYZ color 43.4481, 33.6669,

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

43.4481, 33.6669, 30.5939

Protanopia

32.8122, 34.0907, 37.6517

Deuteranopia

34.5523, 33.9336, 29.5397



Tritanopia

43.2813, 33.8140, 29.0565

Trichromacy



Original Color

43.4481, 33.6669, 30.5939

Protanomaly

35.7949, 33.2678, 35.1066

Deuteranomaly

37.2867, 33.4717, 29.6948

Tritanomaly

43.3554, 33.8437, 29.4467

Monochromacy



Original Color

43.4481, 33.6669, 30.5939

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.7140, 33.4580, 35.1476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4481, 33.6669, 30.5939 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(223, 130, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 130, 144)  
}
```

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(223, 130, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 130, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.4481, 33.6669, 30.5939 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(223, 130, 144) }
```


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

```
.border{ border-color:rgb(223, 130, 144) }
```

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

Here you see how a box with a 4 pixel rgb(223, 130, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 130, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 130, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 130,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4481, 33.6669, 30.5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 130, 144) }
```

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

```
.background{ background-color: rgb(223,  
130, 144) }
```

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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