

Converting Colors

XYZ(43.3972, 36.5632, 28.1607)

Have a look what the booklet for
XYZ(43.3972, 36.5632, 28.1607)
contains.

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Color

**XYZ(43.3306, 36.6295,
28.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9088
RGB	218, 144, 136
RGB Percent	85%, 56%, 53%
CMY	0.1451, 0.4353, 0.4667
CMYK	0.00, 0.34, 0.38, 0.15
HSL	6°, 53%, 69%
HSV	6°, 38%, 85%
XYZ	43.3306, 36.6295, 28.0790
YIQ	165.2140, 46.6720, 13.2000

Conversions

Conversions Part 2

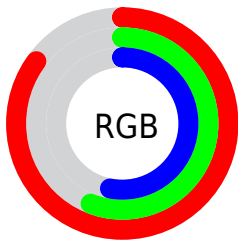
Format	Color
R _Y B	218, 145, 136
Decimal	14323848
CIE Lab	67.00, 27.07, 15.80
CIE LCh	67, 31.340, 30.270
Yxy	36.6295, 0.4011, 0.3390
Android (android.graphics.Color)	4292513928 (0xFFDA9088)
YUV	165.2140, -14.4025, 46.2933
Hunter-Lab	60.5223, 21.8820, 14.8583

Details

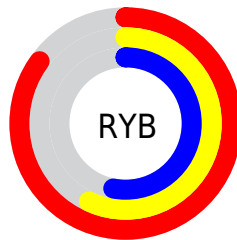
The XYZ color **43.3306, 36.6295, 28.0790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8538, 56.3871, 74.7966**, and the grayscale version is **35.9190, 37.7896, 41.1529**.

A 20% lighter version of the original color is **70.6194, 65.3223, 57.0305**, and **20.2920, 16.0777, 10.8379** is the 20% darker color. If you saturate the color by 10%, you get **39.2117, 30.6240, 19.8240**, and if you desaturate by 10%, it is **48.2857, 43.8029, 38.1680**.

Distribution



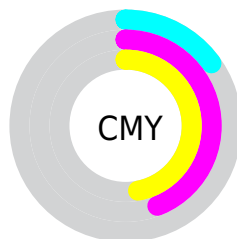
- Red (85%)
- Green (56%)
- Blue (53%)



- Red (85%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (38%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3306, 36.6295, 28.0790 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 43.3306, 36.6295, 28.0790 by changing the saturation by 10% instead.


 43.3306, 36.6295,
28.0790


 43.3306, 36.6295,
28.0790


350.8681,
331.7037, 306.7680


 30.3402, 24.9208,
18.1457


 79.4621, 70.0026,
57.6352

 20.2463, 16.0180,
10.8841


 103.3340, 92.4357,
78.0951

 12.6835, 9.5369,
5.8758

 131.5637,
119.2124, 102.9009

 7.2865, 5.0930,
2.7021

164.5167,
150.7171, 132.4712

 3.6898, 2.3019,
0.9445

202.5583,
187.3342, 167.2245

 1.5282, 0.7747,
0.0000

246.0538,

 0.3449, 0.0000,

229.4481, 207.5794

0.0000

295.3686,
277.4431, 253.9544

0.0000, 0.0000,
0.0000

43.3306, 36.6295,
28.0790

43.3306, 36.6295,
28.0790

39.2117, 30.6240,
19.8240

48.2857, 43.8029,
38.1680

35.8800, 25.7196,
13.2907

54.1167, 52.1958,
50.1898

33.2857, 21.8507,
8.3576

60.8643, 61.8634,
64.2390

31.3722, 18.9427,
4.8866

68.5657, 72.8556,
80.4030

30.0745, 16.9110,
2.7160

77.2560, 85.2200,
98.7644

■ 29.3107, 15.6545,
1.6261

■ 82.7234, 93.6454,
108.3231

■ 29.1868, 15.4521,
1.4442

Harmonies

Analogous

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



44.7899, 36.6295, 39.7602



43.3306, 36.6295, 28.0790



39.5528, 36.6295, 21.1814

Triad

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



43.3306, 36.6295, 28.0790



27.4589, 36.6295, 28.2483



34.8583, 36.6295, 72.2453

Complementary

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



43.3306, 36.6295, 28.0790



45.8538, 56.3871, 74.7966

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.



30.4719, 36.6295, 67.2403



43.3306, 36.6295, 28.0790



26.4436, 36.6295, 40.0067

Square

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



43.3306, 36.6295, 28.0790



30.4038, 36.6295, 21.2624



27.4957, 36.6295, 54.6040



39.6340, 36.6295, 67.0659

Rectangle

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



43.3306, 36.6295, 28.0790



36.3847, 36.6295, 19.2298



27.4957, 36.6295, 54.6040



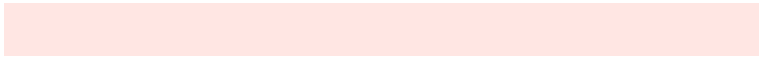
33.2916, 36.6295, 71.6870

Sweetspot

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



43.3316, 36.6313, 28.0797



83.3083, 83.2235, 84.3098



49.4965, 37.2256, 66.3141



17.5464, 17.4051, 17.4520



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.



43.3316, 36.6313, 28.0797



57.1315, 45.4397, 30.6673



50.4634, 50.8950, 30.4570



13.1578, 13.2549, 13.5905



17.5215, 9.3285, 0.8771



1.1708, 0.6758, 0.0687

Inverse Universe

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



45.8538, 56.3871, 74.7966



61.1974, 77.3972, 106.3215



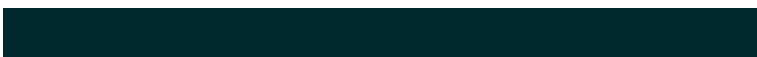
37.2145, 39.1085, 71.9169



13.3306, 14.6009, 16.7678



19.5496, 26.9686, 43.9135



1.2987, 1.8115, 2.8557

Previews

White Background



This preview shows how the XYZ color 43.3306, 36.6295, 28.0790 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 43.3306, 36.6295, 28.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

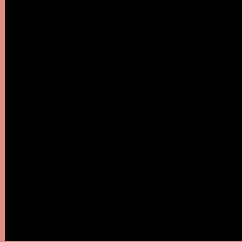
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3306, 36.6295, 28.0790

Background



This preview shows how black text looks on a background with the XYZ color 43.3306, 36.6295, 28.0790.



This preview shows how white text looks on a background with the XYZ color 43.3306, 36.6295,

28.0790.

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

43.3306, 36.6295, 28.0790

Protanopia

35.0026, 36.8966, 32.0650

Deuteranopia

37.5953, 36.7823, 27.6725



Tritanopia

44.5539, 36.6731, 34.4361

Trichromacy



Original Color

43.3306, 36.6295, 28.0790

Protanomaly

37.5100, 36.4213, 30.6442

Deuteranomaly

39.4208, 36.4851, 27.8863

Tritanomaly

44.2242, 36.7803, 31.9626

Monochromacy



Original Color

43.3306, 36.6295, 28.0790

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6569, 36.6374, 35.6588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3306, 36.6295, 28.0790 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(218, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(218, 144, 136)  
}
```

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(218, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 144, 136) }
```

Border

The CSS property to change the border of an element to XYZ 43.3306, 36.6295, 28.0790 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(218, 144, 136) }
```


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

```
.border{ border-color:rgb(218, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(218, 144,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3306, 36.6295, 28.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 144, 136) }
```

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

```
.background{ background-color: rgb(218,  
144, 136) }
```

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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