

Converting Colors

XYZ(33.2858, 28.4527, 43.2687)

Have a look what the booklet for
XYZ(33.2858, 28.4527, 43.2687)
contains.

XYZ(33.2496, 28.5183, 43.2873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.2496, 28.5183,
43.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	AE84AD
RGB	174, 132, 173
RGB Percent	68%, 52%, 68%
CMY	0.3176, 0.4823, 0.3216
CMYK	0.00, 0.24, 0.01, 0.32
HSL	301°, 21%, 60%
HSV	301°, 24%, 68%
XYZ	33.2496, 28.5183, 43.2873
YIQ	149.2320, 11.8710, 21.6550

Conversions

Conversions Part 2

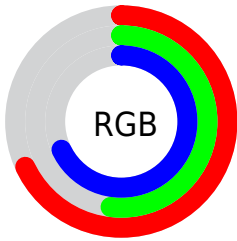
Format	Color
RYB	174, 132, 173
Decimal	11437229
CIELab	60.35, 23.19, -15.42
CIELCh	60, 27.849, 326.389
Yxy	28.5183, 0.3165, 0.2715
Android (android.graphics.Color)	4289627309 (0xFFAE84AD)
YUV	149.2320, 11.7176, 21.7215
Hunter-Lab	53.4025, 17.6836, -10.6778

Details

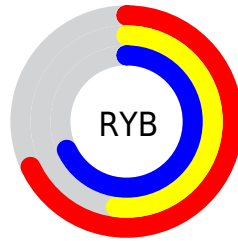
The XYZ color **33.2496, 28.5183, 43.2873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.8865, 36.8719, 27.7863**, and the grayscale version is **28.6141, 30.1043, 32.7836**.

A 20% lighter version of the original color is **63.9857, 57.1224, 81.0521**, and **14.3536, 11.4800, 19.5485** is the 20% darker color. If you saturate the color by 10%, you get **31.0443, 24.1712, 42.3550**, and if you desaturate by 10%, it is **35.8503, 33.6550, 44.3527**.

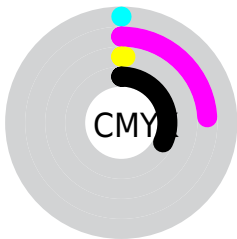
Distribution



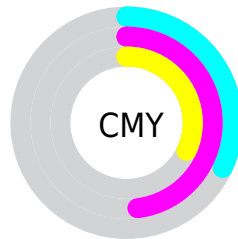
- Red (68%)
- Green (52%)
- Blue (68%)



- Red (68%)
- Yellow (52%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2496, 28.5183, 43.2873 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 33.2496, 28.5183, 43.2873 by changing the saturation by 10% instead.

■ 33.2496, 28.5183,
43.2873

■ 33.2496, 28.5183,
43.2873

308.4181,
294.9353, 375.7478

■ 22.4779, 18.7167,
29.7775

■ 64.1171, 57.3109,
81.4352

■ 14.3270, 11.4658,
19.4192

■ 84.9436, 77.0707,
106.9105

■ 8.4317, 6.3810,
11.7937

■ 109.8523,
100.9187, 137.2113

■ 4.4265, 3.0781,
6.4825

139.2088,
129.2392, 172.7562

■ 1.9461, 1.1727,
3.0671

173.3782,
162.4168, 213.9638

■ 0.6034, 0.0392,
1.1290

212.7260,

■ 0.0000, 0.0000,

200.8357, 261.2526

0.0000

257.6175,
244.8804, 315.0411

■ 33.2496, 28.5183,
43.2873

■ 33.2496, 28.5183,
43.2873

■ 31.0443, 24.1712,
42.3550

■ 35.8503, 33.6550,
44.3527

■ 29.2123, 20.5711,
41.5474

■ 38.8620, 39.6139,
45.5553

■ 27.7332, 17.6766,
40.8581

■ 42.3025, 46.4302,
46.9015

■ 26.5839, 15.4415,
40.2793

■ 46.1879, 54.1361,
48.3967

■ 25.7382, 13.8134,
39.8023

■ 50.5335, 62.7621,
50.0458

■ 25.1662, 12.7324,
39.4171

■ 55.3536, 72.3372,
51.8537

■ 24.8317, 12.1263,
39.1118

■ 60.6623, 82.8891,
53.8251

■ 24.6980, 11.8957,
38.9538

■ 61.0835, 83.6659,
54.1680

■ 61.1247, 83.6824,
54.3848

Harmonies

Analogous

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



30.2805, 28.5183, 52.2610



33.2496, 28.5183, 43.2873



34.5693, 28.5183, 32.3094

Triad

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



33.2496, 28.5183, 43.2873



27.5415, 28.5183, 15.2444



21.3973, 28.5183, 40.6596

Complementary

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



33.2496, 28.5183, 43.2873



28.8865, 36.8719, 27.7863

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.



20.8022, 28.5183, 29.8269



33.2496, 28.5183, 43.2873



24.1611, 28.5183, 16.5326

Square

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



33.2496, 28.5183, 43.2873



31.0959, 28.5183, 17.3614



21.7696, 28.5183, 21.3706



23.4725, 28.5183, 50.5244

Rectangle

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



33.2496, 28.5183, 43.2873



34.2575, 28.5183, 25.8166



21.7696, 28.5183, 21.3706



21.0259, 28.5183, 36.9503

Sweetspot

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



33.2505, 28.5195, 43.2879



68.7789, 68.4653, 81.9536



25.5181, 24.5221, 43.4332



15.2148, 15.0746, 18.1864



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.2505, 28.5195, 43.2879



58.0741, 47.3167, 77.5804



31.3999, 27.7793, 33.5428



8.3287, 8.1447, 10.0418



17.9167, 8.6292, 28.2704



0.5009, 0.2411, 0.7997

Inverse Universe

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



33.2505, 28.5195, 43.2879



58.0741, 47.3167, 77.5804



30.4605, 37.5015, 36.0751



8.3287, 8.1447, 10.0418



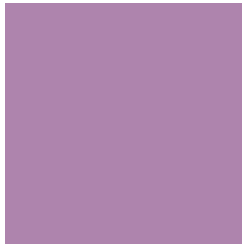
17.9167, 8.6292, 28.2704



0.5009, 0.2411, 0.7997

Previews

White Background



This preview shows how the XYZ color 33.2496, 28.5183, 43.2873 looks on a white background.

Color Contrast Check

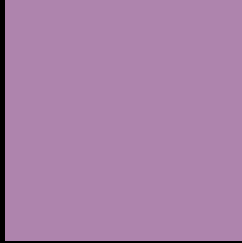
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2496, 28.5183, 43.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

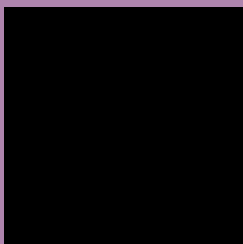
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.2496, 28.5183, 43.2873

Background



This preview shows how black text looks on a background with the XYZ color 33.2496, 28.5183, 43.2873.



This preview shows how white text looks on a background with the XYZ color 33.2496, 28.5183,

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

33.2496, 28.5183, 43.2873

Protanopia

28.6303, 28.6011, 47.7276

Deuteranopia

29.2364, 28.5822, 42.5041



Tritanopia

30.7897, 28.5440, 31.4905

Trichromacy



Original Color

33.2496, 28.5183, 43.2873

Protanomaly

29.9916, 28.4545, 46.0310

Deuteranomaly

30.4395, 28.3236, 42.8924

Tritanomaly

31.4593, 28.3862, 35.2735

Monochromacy



Original Color

33.2496, 28.5183, 43.2873

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.0946, 29.3826, 36.4330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2496, 28.5183, 43.2873 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(174, 132, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 173)  
}
```

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(174, 132, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.2496, 28.5183, 43.2873 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(174, 132, 173) }
```


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

```
.border{ border-color:rgb(174, 132, 173) }
```

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

Here you see how a box with a 4 pixel rgb(174, 132, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2496, 28.5183, 43.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 173) }
```

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

```
.background{ background-color: rgb(174,  
132, 173) }
```

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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