

Converting Colors

XYZ(39.9482, 32.5322, 28.4636)

Have a look what the booklet for
XYZ(39.9482, 32.5322, 28.4636)
contains.

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Color

**XYZ(39.9117, 32.4880,
28.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	D3858B
RGB	211, 133, 139
RGB Percent	83%, 52%, 55%
CMY	0.1725, 0.4784, 0.4549
CMYK	0.00, 0.37, 0.34, 0.17
HSL	355°, 47%, 67%
HSV	355°, 37%, 83%
XYZ	39.9117, 32.4880, 28.5933
YIQ	157.0060, 44.5620, 18.4020

Conversions

Conversions Part 2

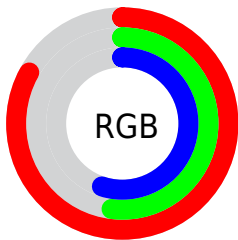
Format	Color
R _Y B	211, 133, 139
Decimal	13862283
CIE Lab	63.74, 30.69, 9.41
CIE LCh	64, 32.105, 17.053
Yxy	32.4880, 0.3952, 0.3217
Android (android.graphics.Color)	4292052363 (0xFFD3858B)
YUV	157.0060, -8.8770, 47.3527
Hunter-Lab	56.9982, 25.2436, 10.1558

Details

The XYZ color **39.9117, 32.4880, 28.5933** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9881, 55.9836, 66.2481**, and the grayscale version is **32.0759, 33.7464, 36.7498**.

A 20% lighter version of the original color is **68.5248, 60.6064, 57.9557**, and **18.1469, 13.6259, 11.1248** is the 20% darker color. If you saturate the color by 10%, you get **36.0090, 26.7609, 20.8853**, and if you desaturate by 10%, it is **44.6499, 39.4801, 37.8314**.

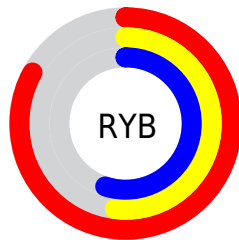
Distribution



Red (83%)

Green (52%)

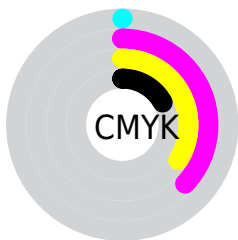
Blue (55%)



Red (83%)

Yellow (52%)

Blue (55%)

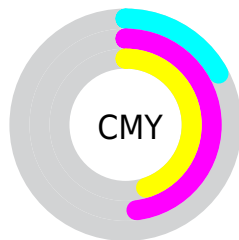


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9117, 32.4880, 28.5933 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 39.9117, 32.4880, 28.5933 by changing the saturation by 10% instead.


 39.9117, 32.4880,
28.5933


 39.9117, 32.4880,
28.5933


336.8921,
313.3363, 309.2918


 27.6536, 21.7345,
18.5304


 74.3142, 63.5753,
58.4647

 18.2038, 13.6620,
11.1581


 97.1894, 84.6780,
79.1104

 11.1970, 7.8859,
6.0578


 124.3343,
109.9991, 104.1208

 6.2678, 4.0220,
2.8109

156.1142,
139.9232, 133.9144

 3.0508, 1.6859,
0.9989

192.8946,
174.8345, 168.9097

 1.1807, 0.4145,
0.0000

235.0408,

 0.0910, 0.0000,

215.1176, 209.5254

0.0000

282.9182,
261.1567, 256.1799

■ 0.0000, 0.0000,
0.0000

■ 39.9117, 32.4880,
28.5933

■ 39.9117, 32.4880,
28.5933

■ 36.0090, 26.7609,
20.8853

■ 44.6499, 39.4801,
37.8314

■ 32.8909, 22.2188,
14.6231

■ 50.2656, 47.8016,
48.6742

■ 30.5048, 18.7801,
9.7168

■ 56.8009, 57.5180,
61.1934

■ 28.7906, 16.3506,
6.0659

■ 64.2946, 68.6892,
75.4561

■ 27.6786, 14.8205,
3.5559

■ 72.7832, 81.3717,
91.5255

■ 27.0796, 14.0464,
2.0497

■ 80.6740, 92.5889,
108.2272

■ 26.9592, 13.8870,
1.7584

Harmonies

Analogous

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



40.1024, 32.4880, 41.2216



39.9117, 32.4880, 28.5933



37.1572, 32.4880, 20.1589

Triad

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



39.9117, 32.4880, 28.5933



24.9685, 32.4880, 21.0341



28.9805, 32.4880, 65.4371

Complementary

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



39.9117, 32.4880, 28.5933



43.9881, 55.9836, 66.2481

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.



25.3509, 32.4880, 56.7896



39.9117, 32.4880, 28.5933



23.1906, 32.4880, 30.1072

Square

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



39.9117, 32.4880, 28.5933



28.4104, 32.4880, 16.5783



23.3234, 32.4880, 43.1497



33.4864, 32.4880, 64.7471

Rectangle

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



39.9117, 32.4880, 28.5933



34.3767, 32.4880, 17.1097



23.3234, 32.4880, 43.1497



27.6267, 32.4880, 63.4517

Sweetspot

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



39.9126, 32.4896, 28.5939



82.8531, 81.8339, 85.6352



45.1855, 34.3879, 65.8841



17.4390, 17.0773, 17.7645



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.



39.9126, 32.4896, 28.5939



56.6529, 43.0931, 34.7912



44.6441, 42.6347, 28.0686



11.8451, 11.8228, 12.4601



16.2846, 8.3867, 1.1391



0.9237, 0.4742, 0.1329

Inverse Universe

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



39.9126, 32.4896, 28.5939



56.6529, 43.0931, 34.7912



37.4522, 41.7312, 67.7091



11.8451, 11.8228, 12.4601



16.2846, 8.3867, 1.1391



0.9237, 0.4742, 0.1329

Previews

White Background



This preview shows how the XYZ color 39.9117, 32.4880, 28.5933 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 39.9117, 32.4880, 28.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

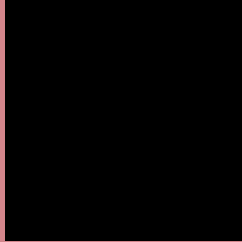
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9117, 32.4880, 28.5933

Background



This preview shows how black text looks on a background with the XYZ color 39.9117, 32.4880, 28.5933.



This preview shows how white text looks on a background with the XYZ color 39.9117, 32.4880,

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

39.9117, 32.4880, 28.5933

Protanopia

31.3587, 32.6841, 33.5101

Deuteranopia

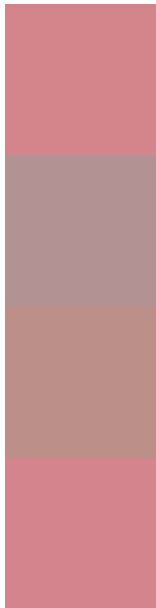
33.3228, 32.6196, 27.8325



Tritanopia

39.9977, 32.3044, 29.7184

Trichromacy



Original Color

39.9117, 32.4880, 28.5933

Protanomaly

33.8273, 32.0981, 31.6068

Deuteranomaly

35.3241, 32.2699, 28.0338

Tritanomaly

39.9230, 32.2745, 29.3247

Monochromacy



Original Color

39.9117, 32.4880, 28.5933

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.2264, 32.7289, 33.3676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9117, 32.4880, 28.5933 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(211, 133, 139)` looks like.

```
.text, #text, p{  
    color:rgb(211, 133, 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(211, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 133, 139) }
```

Border

The CSS property to change the border of an element to XYZ 39.9117, 32.4880, 28.5933 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(211, 133, 139) }
```


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

```
.border{ border-color:rgb(211, 133, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 133, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(211, 133,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9117, 32.4880, 28.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 133, 139) }
```

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

```
.background{ background-color: rgb(211,  
133, 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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