

Converting Colors

XYZ(41.5922, 33.5276, 32.0920)

Have a look what the booklet for
XYZ(41.5922, 33.5276, 32.0920)
contains.

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Color

**XYZ(41.6019, 33.4845,
32.2875)**

Conversions

Conversions Part 1

Format	Color
Hex	D68694
RGB	214, 134, 148
RGB Percent	84%, 53%, 58%
CMY	0.1608, 0.4745, 0.4196
CMYK	0.00, 0.37, 0.31, 0.16
HSL	350°, 49%, 68%
HSV	350°, 37%, 84%
XYZ	41.6019, 33.4845, 32.2875
YIQ	159.5160, 43.1860, 21.3140

Conversions

Conversions Part 2

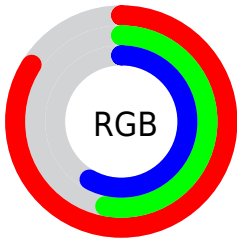
Format	Color
RYB	214, 134, 148
Decimal	14059156
CIELab	64.55, 32.43, 5.51
CIELCh	65, 32.892, 9.648
Yxy	33.4845, 0.3874, 0.3118
Android (android.graphics.Color)	4292249236 (0xFFD68694)
YUV	159.5160, -5.6774, 47.7825
Hunter-Lab	57.8658, 27.0652, 7.4239

Details

The XYZ color **41.6019, 33.4845, 32.2875** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.3049, 57.3322, 63.3776**, and the grayscale version is **33.2032, 34.9324, 38.0414**.

A 20% lighter version of the original color is **69.8839, 61.4907, 64.0627**, and **19.1556, 14.2177, 13.0439** is the 20% darker color. If you saturate the color by 10%, you get **37.6452, 27.6396, 24.5916**, and if you desaturate by 10%, it is **46.3720, 40.6148, 41.3070**.

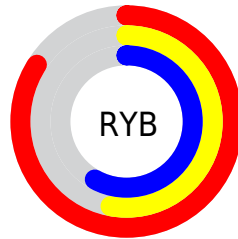
Distribution



Red (84%)

Green (53%)

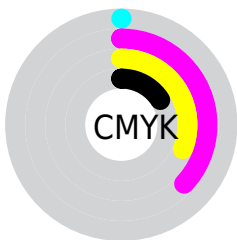
Blue (58%)



Red (84%)

Yellow (53%)

Blue (58%)

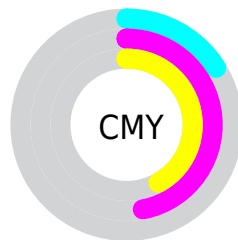


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6019, 33.4845, 32.2875 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 41.6019, 33.4845, 32.2875 by changing the saturation by 10% instead.


 41.6019, 33.4845,
32.2875


 41.6019, 33.4845,
32.2875


343.8498,
317.8273, 326.9598


 28.9794, 22.4979,
21.3146


 76.8657, 65.1312,
64.3647

 19.2095, 14.2232,
13.1606


 100.2378, 86.5601,
86.3060

 11.9266, 8.2761,
7.4072

 127.9238,
112.2385, 112.7405

 6.7656, 4.2721,
3.6358

160.2890,
142.5508, 144.0867

 3.3610, 1.8269,
1.4277

197.6989,
177.8815, 180.7632

 1.3474, 0.5039,
0.1632

240.5187,

 0.2183, 0.0000,

218.6148, 223.1885

0.0000

289.1139,
265.1353, 271.7812

0.0000, 0.0000,
0.0000

41.6019, 33.4845,
32.2875

41.6019, 33.4845,
32.2875

37.6452, 27.6396,
24.5916

46.3720, 40.6148,
41.3070

34.4534, 22.9988,
18.1545

51.9952, 49.0957,
51.7068

31.9766, 19.4790,
12.9088

58.5117, 58.9941,
63.5424

30.1580, 16.9845,
8.7800

65.9583, 70.3706,
76.8659

28.9318, 15.4036,
5.6847

74.3698, 83.2827,
91.7267

■ 28.2114, 14.5854,
3.5249

■ 81.3708, 92.9678,
107.3691

■ 28.0724, 14.4325,
3.0928

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



41.0820, 33.4845, 46.2306



41.6019, 33.4845, 32.2875



39.3109, 33.4845, 22.3021

Triad

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



41.6019, 33.4845, 32.2875



26.3965, 33.4845, 19.9293



28.7828, 33.4845, 66.5385

Complementary

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



41.6019, 33.4845, 32.2875



44.3049, 57.3322, 63.3776

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.



25.3572, 33.4845, 55.6114



41.6019, 33.4845, 32.2875



24.0765, 33.4845, 28.1714

Square

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



41.6019, 33.4845, 32.2875



30.3340, 33.4845, 16.4196



23.7158, 33.4845, 40.9750



33.3661, 33.4845, 68.4238

Rectangle

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



41.6019, 33.4845, 32.2875



36.6189, 33.4845, 18.3624



23.7158, 33.4845, 40.9750



27.4707, 33.4845, 63.6927

Sweetspot

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



41.6028, 33.4861, 32.2882



83.2406, 81.9889, 87.6760



44.3055, 34.0948, 67.8640



17.5306, 17.1140, 18.2467



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.



41.6028, 33.4861, 32.2882



57.0284, 42.6388, 38.6317



44.4912, 40.9300, 28.1118



12.5111, 12.4559, 13.3655



16.9949, 8.7343, 2.0111



1.0526, 0.5378, 0.2661

Inverse Universe

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



41.6028, 33.4861, 32.2882



57.0284, 42.6388, 38.6317



40.0964, 46.1766, 70.4179



12.5111, 12.4559, 13.3655



16.9949, 8.7343, 2.0111



1.0526, 0.5378, 0.2661

Previews

White Background



This preview shows how the XYZ color 41.6019, 33.4845, 32.2875 looks on a white background.

Color Contrast Check

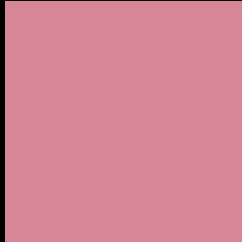
Large Text (above 18pt) WCAG AA × Fail

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 41.6019, 33.4845, 32.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

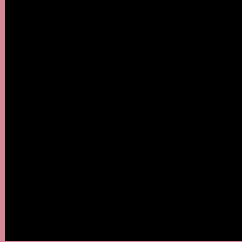
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6019, 33.4845, 32.2875

Background



This preview shows how black text looks on a background with the XYZ color 41.6019, 33.4845, 32.2875.



This preview shows how white text looks on a background with the XYZ color 41.6019, 33.4845,

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

41.6019, 33.4845, 32.2875

Protanopia

32.5317, 33.6859, 38.0451

Deuteranopia

34.3089, 33.5247, 31.4507



Tritanopia

41.5064, 33.6684, 31.0991

Trichromacy



Original Color

41.6019, 33.4845, 32.2875

Protanomaly

35.1811, 33.1638, 35.9995

Deuteranomaly

36.5489, 33.2733, 31.6902

Tritanomaly

41.5838, 33.6994, 31.5071

Monochromacy



Original Color

41.6019, 33.4845, 32.2875

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.8897, 34.2368, 36.1693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6019, 33.4845, 32.2875 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(214, 134, 148)` looks like.

```
.text, #text, p{  
    color:rgb(214, 134, 148)  
}
```

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(214, 134, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 134, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.6019, 33.4845, 32.2875 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(214, 134, 148) }
```


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

```
.border{ border-color:rgb(214, 134, 148) }
```

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

Here you see how a box with a 4 pixel rgb(214, 134, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 134, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 134, 148);  
box-shadow:4px 4px 4px 4px rgb(214, 134,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6019, 33.4845, 32.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 134, 148) }
```

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

```
.background{ background-color: rgb(214,  
134, 148) }
```

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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