

Converting Colors

XYZ(40.2969, 32.9978, 36.7195)

Have a look what the booklet for
XYZ(40.2969, 32.9978, 36.7195)
contains.

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Color

**XYZ(40.2891, 32.9184,
36.5782)**

Conversions

Conversions Part 1

Format	Color
Hex	CE879E
RGB	206, 135, 158
RGB Percent	81%, 53%, 62%
CMY	0.1922, 0.4706, 0.3804
CMYK	0.00, 0.34, 0.23, 0.19
HSL	341°, 42%, 67%
HSV	341°, 34%, 81%
XYZ	40.2891, 32.9184, 36.5782
YIQ	158.8510, 34.9330, 22.2050

Conversions

Conversions Part 2

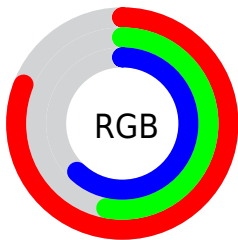
Format	Color
R _Y B	206, 135, 158
Decimal	13535134
CIE Lab	64.09, 30.36, -0.94
CIE LCh	64, 30.373, 358.230
Yxy	32.9184, 0.3670, 0.2998
Android (android.graphics.Color)	4291725214 (0xFFCE879E)
YUV	158.8510, -0.4195, 41.3497
Hunter-Lab	57.3746, 24.9394, 2.3628

Details

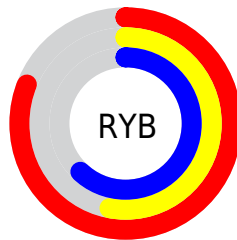
The XYZ color **40.2891, 32.9184, 36.5782** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6116, 52.7132, 52.8365**, and the grayscale version is **32.8781, 34.5903, 37.6689**.

A 20% lighter version of the original color is **71.4478, 62.4593, 71.2409**, and **18.4018, 13.8862, 15.6203** is the 20% darker color. If you saturate the color by 10%, you get **36.5565, 27.2640, 29.7507**, and if you desaturate by 10%, it is **44.7156, 39.7424, 44.3080**.

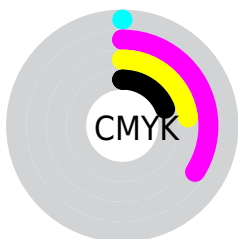
Distribution



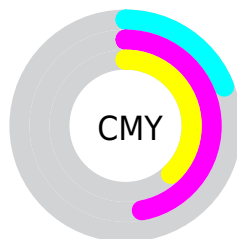
- Red (81%)
- Green (53%)
- Blue (62%)



- Red (81%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2891, 32.9184, 36.5782 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 40.2891, 32.9184, 36.5782 by changing the saturation by 10% instead.


 40.2891, 32.9184,
36.5782


 40.2891, 32.9184,
36.5782


338.4541,
315.2819, 346.5943


 27.9492, 22.0639,
24.5879

 74.8851, 64.2481,
71.1026

 18.4277, 13.9039,
15.5540


 97.8719, 85.4922,
94.4738

 11.3590, 8.0538,
9.0582


 125.1385,
110.9682, 122.4757

 6.3779, 4.1294,
4.6818

157.0501,
141.0606, 155.5268

 3.1190, 1.7462,
2.0064

193.9721,
176.1538, 194.0456

 1.2170, 0.4533,
0.5592

236.2699,

 0.1197, 0.0000,

216.6321, 238.4508

0.0000

284.3088,
262.8800, 289.1609

■ 0.0000, 0.0000,
0.0000

■ 40.2891, 32.9184,
36.5782

■ 40.2891, 32.9184,
36.5782

■ 36.5565, 27.2640,
29.7507

■ 44.7156, 39.7424,
44.3080

■ 33.4781, 22.7083,
23.7891

■ 49.8669, 47.7922,
52.9708

■ 31.0148, 19.1800,
18.6571

■ 55.7758, 57.1261,
62.5979

■ 29.1216, 16.5973,
14.3148

■ 62.4719, 67.7972,
73.2187

■ 27.7468, 14.8658,
10.7185

■ 69.9833, 79.8555,
84.8613

■ 26.8288, 13.8709,
7.8191

■ 77.1756, 91.0266,
97.1657

■ 26.4585, 13.5238,
6.4828

■ 79.2637, 91.8618,
108.1612

Harmonies

Analogous

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



38.8468, 32.9184, 49.7925



40.2891, 32.9184, 36.5782



39.1423, 32.9184, 25.7793

Triad

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



40.2891, 32.9184, 36.5782



27.5422, 32.9184, 18.7824



27.1383, 32.9184, 59.9432

Complementary

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



40.2891, 32.9184, 36.5782



40.6116, 52.7132, 52.8365

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.



24.5616, 32.9184, 48.2334



40.2891, 32.9184, 36.5782



24.7793, 32.9184, 24.7766

Square

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



40.2891, 32.9184, 36.5782



31.5438, 32.9184, 17.0196



23.7385, 32.9184, 35.1168



31.0335, 32.9184, 65.0591

Rectangle

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



40.2891, 32.9184, 36.5782



37.1177, 32.9184, 20.9390



23.7385, 32.9184, 35.1168



26.1030, 32.9184, 56.5330

Sweetspot

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



40.2900, 32.9200, 36.5789



84.7952, 83.7346, 92.3971



39.1760, 31.7717, 62.4604



17.8634, 17.4711, 19.3084



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.



40.2900, 32.9200, 36.5789



60.9030, 46.6905, 51.3225



40.2357, 35.6883, 27.6915



11.3596, 11.2726, 12.4283



16.3321, 8.3434, 4.2013



0.8773, 0.4443, 0.4000

Inverse Universe

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



40.2900, 32.9200, 36.5789



60.9030, 46.6905, 51.3225



40.4623, 48.2659, 65.5763



11.3596, 11.2726, 12.4283



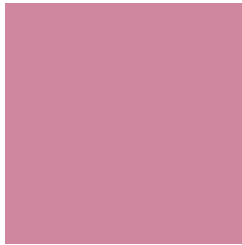
16.3321, 8.3434, 4.2013



0.8773, 0.4443, 0.4000

Previews

White Background



This preview shows how the XYZ color 40.2891, 32.9184, 36.5782 looks on a white background.

Color Contrast Check

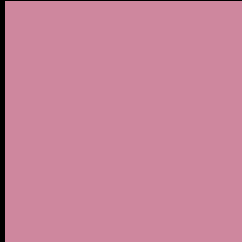
Large Text (above 18pt) WCAG AA × Fail

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 40.2891, 32.9184, 36.5782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

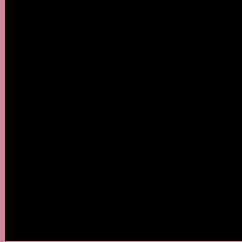
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2891, 32.9184, 36.5782

Background



This preview shows how black text looks on a background with the XYZ color 40.2891, 32.9184, 36.5782.



This preview shows how white text looks on a background with the XYZ color 40.2891, 32.9184,

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

40.2891, 32.9184, 36.5782

Protanopia

32.3035, 33.2150, 42.7388

Deuteranopia

33.7776, 33.1577, 35.6302



Tritanopia

39.3890, 32.9770, 31.8929

Trichromacy



Original Color

40.2891, 32.9184, 36.5782

Protanomaly

34.7064, 32.8172, 40.5815

Deuteranomaly

35.8933, 32.8414, 35.8997

Tritanomaly

39.5669, 32.8218, 33.5280

Monochromacy



Original Color

40.2891, 32.9184, 36.5782

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.0689, 33.5460, 37.4276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2891, 32.9184, 36.5782 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(206, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(206, 135, 158)  
}
```

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(206, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 135, 158) }
```

Border

The CSS property to change the border of an element to XYZ 40.2891, 32.9184, 36.5782 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(206, 135, 158) }
```


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

```
.border{ border-color:rgb(206, 135, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(206, 135,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2891, 32.9184, 36.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 135, 158) }
```

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

```
.background{ background-color: rgb(206,  
135, 158) }
```

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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