

Converting Colors

XYZ(39.0338, 32.7091, 35.7087)

Have a look what the booklet for
XYZ(39.0338, 32.7091, 35.7087)
contains.

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Color

**XYZ(39.0338, 32.7091,
35.7087)**

Conversions

Conversions Part 1

Format	Color
Hex	C9899C
RGB	201, 137, 156
RGB Percent	79%, 54%, 61%
CMY	0.2118, 0.4627, 0.3882
CMYK	0.00, 0.32, 0.22, 0.21
HSL	342°, 37%, 66%
HSV	342°, 32%, 79%
XYZ	39.0338, 32.7091, 35.7087
YIQ	158.3020, 32.0450, 19.4770

Conversions

Conversions Part 2

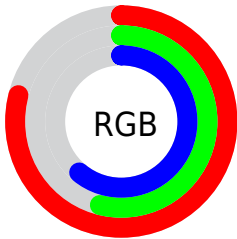
Format	Color
R_{YB}	201, 137, 156
Decimal	13207964
CIE _{Lab}	63.92, 27.15, -0.12
CIE _{LCh}	64, 27.150, 359.744
Yxy	32.7091, 0.3633, 0.3044
Android (android.graphics.Color)	4291398044 (0xFFC9899C)
YUV	158.3020, -1.1349, 37.4461
Hunter-Lab	57.1919, 21.7416, 3.0156

Details

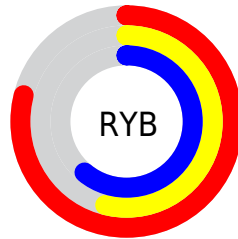
The XYZ color **39.0338, 32.7091, 35.7087** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6480, 50.4699, 51.9103**, and the grayscale version is **32.6320, 34.3315, 37.3870**.

A 20% lighter version of the original color is **71.5037, 63.1747, 69.3981**, and **17.7317, 13.7865, 15.0911** is the 20% darker color. If you saturate the color by 10%, you get **35.3103, 27.0670, 28.9024**, and if you desaturate by 10%, it is **43.4307, 39.4744, 43.4273**.

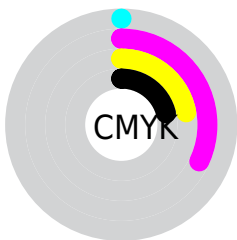
Distribution



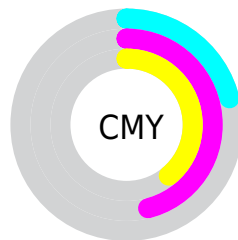
- Red (79%)
- Green (54%)
- Blue (61%)



- Red (79%)
- Yellow (54%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0338, 32.7091, 35.7087 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 39.0338, 32.7091, 35.7087 by changing the saturation by 10% instead.


 39.0338, 32.7091,
35.7087


 39.0338, 32.7091,
35.7087


333.2389,
314.3369, 342.6844


 26.9669, 21.9037,
23.9214


 72.9837, 63.9211,
69.7462

 17.6848, 13.7861,
15.0637


 95.5974, 85.0965,
92.8335

 10.8222, 7.9721,
8.7170


 122.4573,
110.4973, 120.5245

 6.0138, 4.0771,
4.4627

153.9289,
140.5080, 153.2377

 2.8942, 1.7168,
1.8825

190.3775,
175.5128, 191.3918

 1.0981, 0.4345,
0.4816

232.1685,

 0.0235, 0.0000,

215.8964, 235.4052

0.0000

279.6671,
262.0429, 285.6966

■ 0.0000, 0.0000,
0.0000

■ 39.0338, 32.7091,
35.7087

■ 39.0338, 32.7091,
35.7087

■ 35.3103, 27.0670,
28.9024

■ 43.4307, 39.4744,
43.4273

■ 32.2230, 22.4824,
22.9715

■ 48.5301, 47.4149,
52.0892

■ 29.7353, 18.8899,
17.8794


■ 54.3626, 56.5846,
61.7262


■ 27.8057, 16.2147,
13.5858


■ 60.9563, 67.0329,
72.3681


■ 26.3867, 14.3713,
10.0470


■ 68.3377, 78.8067,
84.0434

 25.4226, 13.2577,
7.2139

 75.6953, 90.2767,
96.5005

 24.8943, 12.7403,
5.3756

 77.8873, 91.1535,
108.0436

 77.8975, 91.1576,
108.0973

Harmonies

Analogous

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



37.8802, 32.7091, 47.3092



39.0338, 32.7091, 35.7087



37.9176, 32.7091, 26.1583

Triad

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



39.0338, 32.7091, 35.7087



27.5830, 32.7091, 20.2856



27.5306, 32.7091, 57.0682

Complementary

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



39.0338, 32.7091, 35.7087



39.6480, 50.4699, 51.9103

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.



25.1338, 32.7091, 47.1128



39.0338, 32.7091, 35.7087



25.1623, 32.7091, 26.0260

Square

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



39.0338, 32.7091, 35.7087



31.1218, 32.7091, 18.4390



24.3028, 32.7091, 35.5208



31.0562, 32.7091, 61.0852

Rectangle

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



39.0338, 32.7091, 35.7087



36.0848, 32.7091, 21.8438



24.3028, 32.7091, 35.5208



26.5770, 32.7091, 54.2167

Sweetspot

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



39.0347, 32.7106, 35.7094



84.6941, 83.6942, 91.8646



38.7337, 32.0308, 59.3997



17.8390, 17.4613, 19.1802



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.



39.0347, 32.7106, 35.7094



62.4389, 49.3299, 53.1677



39.4783, 35.9741, 28.5317



10.7613, 10.6879, 11.7261



15.6879, 8.0247, 3.5666



0.7752, 0.3929, 0.3395

Inverse Universe

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



39.0347, 32.7106, 35.7094



62.4389, 49.3299, 53.1677



38.8863, 45.5884, 62.0085



10.7613, 10.6879, 11.7261



15.6879, 8.0247, 3.5666



0.7752, 0.3929, 0.3395

Previews

White Background



This preview shows how the XYZ color 39.0338, 32.7091, 35.7087 looks on a white background.

Color Contrast Check

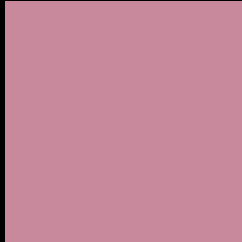
Large Text (above 18pt) WCAG AA × Fail

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 39.0338, 32.7091, 35.7087 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 39.0338, 32.7091, 35.7087

Background



This preview shows how black text looks on a background with the XYZ color 39.0338, 32.7091, 35.7087.



This preview shows how white text looks on a background with the XYZ color 39.0338, 32.7091,

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

39.0338, 32.7091, 35.7087

Protanopia

31.9561, 32.8329, 40.7295

Deuteranopia

33.5337, 32.8037, 35.1362



Tritanopia

38.3327, 32.6262, 32.7109

Trichromacy



Original Color

39.0338, 32.7091, 35.7087

Protanomaly

34.1247, 32.5591, 38.6684

Deuteranomaly

35.3332, 32.5624, 35.4333

Tritanomaly

38.5754, 32.7233, 33.9889

Monochromacy



Original Color

39.0338, 32.7091, 35.7087

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.4477, 33.2457, 36.4998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0338, 32.7091, 35.7087 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(201, 137, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 137, 156)  
}
```

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(201, 137, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 137, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.0338, 32.7091, 35.7087 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(201, 137, 156) }
```


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

```
.border{ border-color:rgb(201, 137, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 137, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 137, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 137, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 137,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0338, 32.7091, 35.7087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 137, 156) }
```

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

```
.background{ background-color: rgb(201,  
137, 156) }
```

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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