

Converting Colors

XYZ(39.5832, 32.5197, 36.3254)

Have a look what the booklet for
XYZ(39.5832, 32.5197, 36.3254)
contains.

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Color

**XYZ(39.7374, 32.6339,
36.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	CC879E
RGB	204, 135, 158
RGB Percent	80%, 53%, 62%
CMY	0.2000, 0.4706, 0.3804
CMYK	0.00, 0.34, 0.23, 0.20
HSL	340°, 40%, 66%
HSV	340°, 34%, 80%
XYZ	39.7374, 32.6339, 36.5523
YIQ	158.2530, 33.7410, 21.7810

Conversions

Conversions Part 2

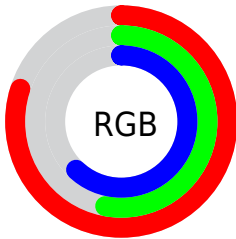
Format	Color
RYB	204, 135, 158
Decimal	13404062
CIELab	63.86, 29.63, -1.30
CIELCh	64, 29.663, 357.479
Yxy	32.6339, 0.3648, 0.2996
Android (android.graphics.Color)	4291594142 (0xFFCC879E)
YUV	158.2530, -0.1247, 40.1201
Hunter-Lab	57.1261, 24.1955, 2.0514

Details

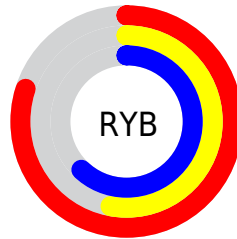
The XYZ color **39.7374, 32.6339, 36.5523** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9265, 51.6738, 51.5883**, and the grayscale version is **32.6048, 34.3028, 37.3557**.

A 20% lighter version of the original color is **71.4478, 62.4593, 71.2409**, and **18.0369, 13.6981, 15.6033** is the 20% darker color. If you saturate the color by 10%, you get **36.0525, 27.0349, 29.8642**, and if you desaturate by 10%, it is **44.0991, 39.3785, 44.1060**.

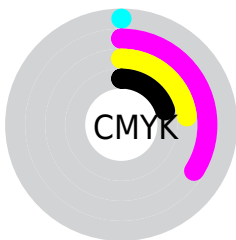
Distribution



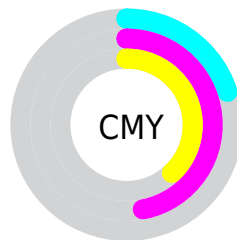
- Red (80%)
- Green (53%)
- Blue (62%)



- Red (80%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7374, 32.6339, 36.5523 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 39.7374, 32.6339, 36.5523 by changing the saturation by 10% instead.


 39.7374, 32.6339,
36.5523


 39.7374, 32.6339,
36.5523


336.1689,
313.9968, 346.4783

 27.5172, 21.8461,
24.5680


 74.0504, 63.8035,
71.0623

 18.1006, 13.7439,
15.5394


 96.8738, 84.9542,
94.4251

 11.1224, 7.9428,
9.0480


 123.9623,
110.3279, 122.4177

 6.2171, 4.0583,
4.6753

155.6813,
140.3092, 155.4588

 3.0194, 1.7062,
2.0026

192.3961,
175.2823, 193.9669

 1.1641, 0.4277,
0.5569

234.4721,

 0.0777, 0.0000,

215.6317, 238.3604

0.0000

282.2746,
261.7417, 289.0581

■ 0.0000, 0.0000,
0.0000

■ 39.7374, 32.6339,
36.5523

■ 39.7374, 32.6339,
36.5523

■ 36.0525, 27.0349,
29.8642

■ 44.0991, 39.3785,
44.1060

■ 33.0061, 22.5126,
24.0072

■ 49.1675, 47.3231,
52.5540

■ 30.5604, 18.9980,
18.9471


■ 54.9742, 56.5243,
61.9260


■ 28.6719, 16.4120,
14.6464


■ 61.5480, 67.0338,
72.2499


■ 27.2913, 14.6636,
11.0640

■ 68.9159, 78.9002,
83.5521

 26.3593, 13.6426,
8.1538

 76.3317, 90.6253,
95.6008

 25.9452, 13.2547,
6.6586

 78.4246, 91.4625,
106.6219

 78.7120, 91.5775,
108.1354

Harmonies

Analogous

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



38.2816, 32.6339, 49.3630



39.7374, 32.6339, 36.5523



38.6888, 32.6339, 25.9551

Triad

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



39.7374, 32.6339, 36.5523



27.4629, 32.6339, 18.8055



26.9035, 32.6339, 58.6258

Complementary

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



39.7374, 32.6339, 36.5523



39.9265, 51.6738, 51.5883

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.



24.4339, 32.6339, 47.2170



39.7374, 32.6339, 36.5523



24.7359, 32.6339, 24.5620

Square

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



39.7374, 32.6339, 36.5523



31.3715, 32.6339, 17.1745



23.6769, 32.6339, 34.5324



30.6662, 32.6339, 63.7657

Rectangle

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



39.7374, 32.6339, 36.5523



36.7584, 32.6339, 21.1528



23.6769, 32.6339, 34.5324



25.9078, 32.6339, 55.2872

Sweetspot

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



39.7383, 32.6354, 36.5530



84.8303, 83.7487, 92.5822



38.6204, 31.5130, 61.1743



17.8718, 17.4745, 19.3530



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.



39.7383, 32.6354, 36.5530



61.0065, 46.7319, 51.8677



39.6323, 35.3004, 27.6483



11.3640, 11.2743, 12.4513



16.3690, 8.3582, 4.3957



0.8796, 0.4453, 0.4119

Inverse Universe

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



39.7383, 32.6354, 36.5530



61.0065, 46.7319, 51.8677



39.8516, 47.4308, 64.1819



11.3640, 11.2743, 12.4513



16.3690, 8.3582, 4.3957



0.8796, 0.4453, 0.4119

Previews

White Background



This preview shows how the XYZ color 39.7374, 32.6339, 36.5523 looks on a white background.

Color Contrast Check

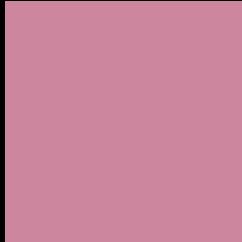
Large Text (above 18pt) WCAG AA × Fail

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 39.7374, 32.6339, 36.5523 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 39.7374, 32.6339, 36.5523

Background



This preview shows how black text looks on a background with the XYZ color 39.7374, 32.6339, 36.5523.



This preview shows how white text looks on a background with the XYZ color 39.7374, 32.6339,

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

39.7374, 32.6339, 36.5523

Protanopia

32.0435, 32.8458, 42.1871

Deuteranopia

33.4003, 32.7253, 35.5666



Tritanopia

38.8407, 32.6944, 31.8673

Trichromacy



Original Color

39.7374, 32.6339, 36.5523

Protanomaly

34.2385, 32.3547, 40.0378

Deuteranomaly

35.4176, 32.5962, 35.8775

Tritanomaly

39.0187, 32.5392, 33.5023

Monochromacy



Original Color

39.7374, 32.6339, 36.5523

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.7571, 33.3953, 36.9618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7374, 32.6339, 36.5523 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(204, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 135, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.7374, 32.6339, 36.5523 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(204, 135, 158) }
```


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

```
.border{ border-color:rgb(204, 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(204, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(204, 135,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7374, 32.6339, 36.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 135, 158) }
```

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

```
.background{ background-color: rgb(204,  
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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