

# Converting Colors

XYZ(35.8577, 32.7147, 39.4601)

Have a look what the booklet for  
XYZ(35.8577, 32.7147, 39.4601)  
contains.

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# Color

**XYZ(35.8823, 32.7549,  
39.5531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B591A4
RGB	181, 145, 164
RGB Percent	71%, 57%, 64%
CMY	0.2902, 0.4314, 0.3569
CMYK	0.00, 0.20, 0.09, 0.29
HSL	328°, 20%, 64%
HSV	328°, 20%, 71%
XYZ	35.8823, 32.7549, 39.5531
YIQ	157.9300, 15.3570, 13.5410

# Conversions

## Conversions Part 2

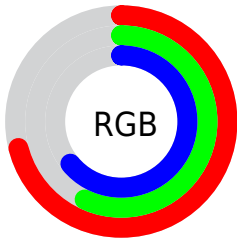
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 145, 164
Decimal	11899300
CIELab	63.96, 16.71, -4.84
CIElCh	64, 17.392, 343.846
Yxy	32.7549, 0.3317, 0.3028
Android (android.graphics.Color)	4290089380 (0xFFB591A4)
YUV	157.9300, 2.9925, 20.2324
Hunter-Lab	57.2319, 11.7571, -0.9131

# Details

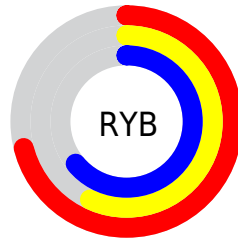
The XYZ color **35.8823, 32.7549, 39.5531** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7238, 41.6770, 40.3987**, and the grayscale version is **32.4504, 34.1404, 37.1789**.

A 20% lighter version of the original color is **68.1347, 63.9658, 75.7734**, and **15.8294, 13.7645, 17.1517** is the 20% darker color. If you saturate the color by 10%, you get **32.5878, 27.3597, 34.7736**, and if you desaturate by 10%, it is **39.6712, 39.0550, 44.7542**.

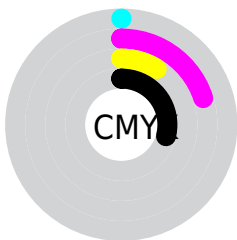
# Distribution



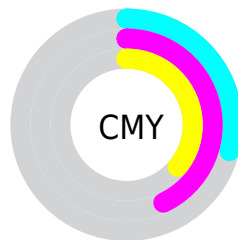
- Red (71%)
- Green (57%)
- Blue (64%)



- Red (71%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (29%)




- Cyan (29%)
- Magenta (43%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8823, 32.7549, 39.5531 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 35.8823, 32.7549, 39.5531 by changing the saturation by 10% instead.





 35.8823, 32.7549,  
39.5531


 35.8823, 32.7549,  
39.5531


319.8860,  
314.5439, 359.7323

 24.5130, 21.9388,  
26.8791


 68.1754, 63.9927,  
75.7121

 15.8414, 13.8119,  
17.2508

 89.8299, 85.1831,  
100.0343

 9.5021, 7.9900,  
10.2497


115.6436,  
110.6004, 129.0763

 5.1298, 4.0885,  
5.4570

145.9817,  
140.6290, 163.2566

 2.3592, 1.7232,  
2.4544

181.2097,  
175.6532, 202.9938

 0.8247, 0.4386,  
0.8159

221.6928,

 0.0000, 0.0000,

216.0575, 248.7065

0.0000

267.7965,  
262.2262, 300.8131

■ 35.8823, 32.7549,  
39.5531

■ 35.8823, 32.7549,  
39.5531

■ 32.5878, 27.3597,  
34.7736

■ 39.6712, 39.0550,  
44.7542

■ 29.7630, 22.8230,  
30.4013

■ 43.9722, 46.2950,  
50.3865

■ 27.3854, 19.1009,  
26.4239

■ 48.8053, 54.5132,  
56.4618

■ 25.4293, 16.1437,  
22.8277

■ 54.1889, 63.7446,  
62.9908

■ 23.8662, 13.8962,  
19.5975

■ 60.1402, 74.0223,  
69.9837

■ 22.6639, 12.2960,  
16.7170

■ 66.6757, 85.3781,  
77.4503

■ 21.7846, 11.2692,  
14.1677

■ 68.2487, 86.7168,  
83.5462

■ 21.1522, 10.6658,  
11.9179

■ 69.4365, 87.1920,  
89.8011

■ 21.1456, 10.6596,  
11.8940

■ 70.6834, 87.6907,  
96.3673

# Harmonies

## Analogous

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



34.5127, 32.7549, 46.3114



35.8823, 32.7549, 39.5531



35.9363, 32.7549, 32.5310

# Triad

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



35.8823, 32.7549, 39.5531



30.0183, 32.7549, 24.0990



27.8558, 32.7549, 45.8553

# Complementary

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



35.8823, 32.7549, 39.5531



34.7238, 41.6770, 40.3987

# 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.



26.7771, 32.7549, 38.9931



35.8823, 32.7549, 39.5531



27.9806, 32.7549, 26.7890

# Square

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



35.8823, 32.7549, 39.5531



32.4623, 32.7549, 24.2076



26.8216, 32.7549, 32.0395



29.8397, 32.7549, 50.2633



# Rectangle

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



35.8823, 32.7549, 39.5531



35.2131, 32.7549, 28.6628



26.8216, 32.7549, 32.0395



27.3801, 32.7549, 43.7226

# Sweetspot

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



35.8832, 32.7564, 39.5538



73.8570, 74.6548, 83.8813



33.3269, 31.2491, 47.9917



15.8591, 15.9608, 17.9926



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.8832, 32.7564, 39.5538



61.4947, 54.1074, 66.8834



34.3865, 32.1577, 31.6722



8.6775, 8.5777, 9.7999



14.6125, 7.3625, 8.3852



0.4890, 0.2433, 0.4176



# Inverse Universe

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



35.8832, 32.7564, 39.5538



61.4947, 54.1074, 66.8834



36.4198, 42.3554, 49.3297



8.6775, 8.5777, 9.7999



14.6125, 7.3625, 8.3852

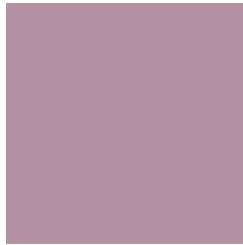


0.4890, 0.2433, 0.4176



# Previews

## White Background



This preview shows how the XYZ color 35.8823, 32.7549, 39.5531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

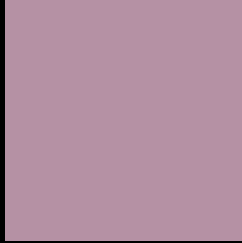
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 35.8823, 32.7549, 39.5531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

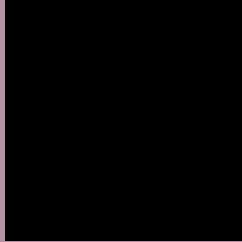
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 35.8823, 32.7549, 39.5531**

## **Background**



This preview shows how black text looks on a background with the XYZ color 35.8823, 32.7549, 39.5531.



This preview shows how white text looks on a background with the XYZ color 35.8823, 32.7549,



# 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

35.8823, 32.7549, 39.5531

### Protanopia

32.1377, 32.8835, 42.6835

### Deuteranopia

33.6138, 32.9931, 39.2470



## Tritanopia

35.1871, 32.6954, 36.3546

# Trichromacy



## Original Color

35.8823, 32.7549, 39.5531

## Protanomaly

33.4443, 32.8529, 41.6243

## Deuteranomaly

34.3716, 32.9099, 39.1910

## Tritanomaly

35.4464, 32.7991, 37.7203

# Monochromacy



## Original Color

35.8823, 32.7549, 39.5531

## Achromatopsia

32.4990, 34.1914, 37.2345

## Achromatomaly

33.4623, 33.4275, 37.9462

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 35.8823, 32.7549, 39.5531 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(181, 145, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 164)  
}
```

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(181, 145, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 164) }
```

## Border

The CSS property to change the border of an element to XYZ 35.8823, 32.7549, 39.5531 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(181, 145, 164) }
```



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

```
.border{ border-color:rgb(181, 145, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
164) }
```

# Background

The CSS property to change the background color of an element to XYZ 35.8823, 32.7549, 39.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 164) }
```

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

```
.background{ background-color: rgb(181,  
145, 164) }
```

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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