

# Converting Colors

XYZ(35.9967, 32.1497, 29.1192)

Have a look what the booklet for  
XYZ(35.9967, 32.1497, 29.1192)  
contains.

<b>XYZ(35.9967, 32.1497, 29.1192)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(35.9967, 32.1497,  
29.1192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C08D8C
RGB	192, 141, 140
RGB Percent	75%, 55%, 55%
CMY	0.2471, 0.4470, 0.4510
CMYK	0.00, 0.27, 0.27, 0.25
HSL	1°, 29%, 65%
HSV	1°, 27%, 75%
XYZ	35.9967, 32.1497, 29.1192
YIQ	156.1350, 30.7170, 10.5010

# Conversions

## Conversions Part 2

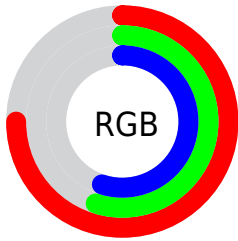
Format	Color
<a href="#">RYB</a>	192, 141, 140
Decimal	12619148
CIELab	63.47, 19.22, 8.16
CIELCh	63, 20.883, 22.988
Yxy	32.1497, 0.3701, 0.3305
Android (android.graphics.Color)	4290809228 (0xFFC08D8C)
YUV	156.1350, -7.9546, 31.4536
Hunter-Lab	56.7007, 14.0953, 9.2415

# Details

The XYZ color **35.9967, 32.1497, 29.1192** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9597, 46.6412, 56.8185**, and the grayscale version is **31.6857, 33.3359, 36.3027**.

A 20% lighter version of the original color is **68.3196, 63.0650, 59.6109**, and **15.8182, 13.3689, 11.4196** is the 20% darker color. If you saturate the color by 10%, you get **32.1584, 26.5444, 21.4539**, and if you desaturate by 10%, it is **40.5558, 38.8009, 38.2442**.

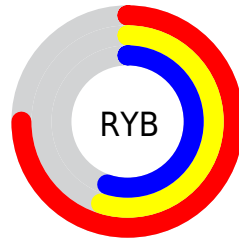
# Distribution



Red (75%)

Green (55%)

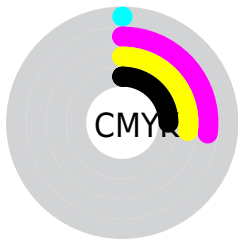
Blue (55%)



Red (75%)

Yellow (55%)

Blue (55%)

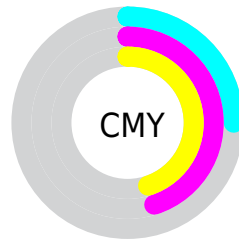


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (45%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9967, 32.1497, 29.1192 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 35.9967, 32.1497, 29.1192 by changing the saturation by 10% instead.




 35.9967, 32.1497,  
29.1192


 35.9967, 32.1497,  
29.1192


320.3776,  
311.8006, 311.8555


 24.6017, 21.4759,  
18.9247


 68.3509, 63.0457,  
59.3109

 15.9077, 13.4723,  
11.4396


 90.0408, 84.0367,  
80.1451

 9.5493, 7.7546,  
6.2455


 115.8931,  
109.2354, 105.3629

 5.1611, 3.9383,  
2.9237

146.2731,  
139.0264, 135.3829

 2.3778, 1.6391,  
1.0558

181.5462,  
173.7941, 170.6236

 0.8341, 0.3838,  
0.0000

222.0778,

 0.0000, 0.0000,

213.9227, 211.5036

0.0000

268.2331,  
259.7968, 258.4414

■ 35.9967, 32.1497,  
29.1192

■ 35.9967, 32.1497,  
29.1192

■ 32.1584, 26.5444,  
21.4539

■ 40.5558, 38.8009,  
38.2442

■ 29.0016, 21.9275,  
15.1707

■ 45.8672, 46.5425,  
48.8970

■ 26.4872, 18.2430,  
10.1881

■ 51.9637, 55.4220,  
61.1438

■ 24.5711, 15.4277,  
6.4149

■ 58.8752, 65.4828,  
75.0464

■ 23.2038, 13.4101,  
3.7484

■ 66.6304, 76.7661,  
90.6632

■ 22.3275, 12.1077,  
2.0687

■ 75.2239, 89.2978,  
107.8792

■ 21.8688, 11.4185,  
1.2122

■ 75.5482, 89.9465,  
107.9873

■ 21.7785, 11.2870,  
1.0307

# Harmonies

## Analogous

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



36.4470, 32.1497, 36.9963



35.9967, 32.1497, 29.1192



34.0468, 32.1497, 23.7167

# Triad

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



35.9967, 32.1497, 29.1192



26.3082, 32.1497, 26.2269



29.8801, 32.1497, 53.4169

# Complementary

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



35.9967, 32.1497, 29.1192



38.9597, 46.6412, 56.8185

# 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.



27.3148, 32.1497, 49.4056



35.9967, 32.1497, 29.1192



25.3390, 32.1497, 33.0876

# Square

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



35.9967, 32.1497, 29.1192



28.4262, 32.1497, 22.2410



25.6955, 32.1497, 41.6361



32.7924, 32.1497, 51.9053



# Rectangle

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



35.9967, 32.1497, 29.1192



32.2219, 32.1497, 21.8219



25.6955, 32.1497, 41.6361



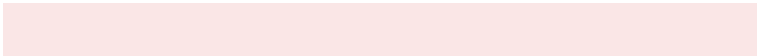
28.9511, 32.1497, 52.6509

# Sweetspot

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



35.9976, 32.1512, 29.1199



82.0372, 82.7710, 86.4478



40.5351, 33.7304, 53.7414



17.2715, 17.2788, 17.8872



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

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



35.9976, 32.1512, 29.1199



61.2908, 52.5113, 44.9018



40.2663, 40.6887, 30.5428



10.0884, 10.1083, 10.4813



14.6612, 7.6081, 0.6958



0.6390, 0.3397, 0.0319

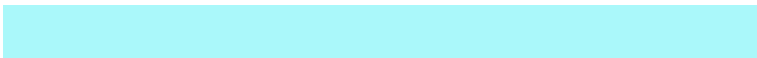


# Inverse Universe

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



38.9597, 46.6412, 56.8185



67.4794, 82.7882, 102.7835



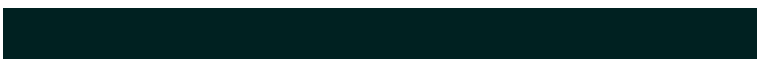
33.8091, 36.3399, 55.1016



10.3513, 11.3940, 12.9385



18.5521, 26.8606, 37.7634



0.8070, 1.1714, 1.6334



# Previews

## White Background



This preview shows how the XYZ color 35.9967, 32.1497, 29.1192 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

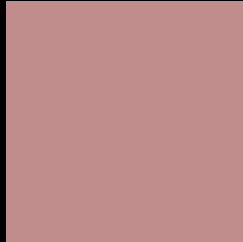
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 35.9967, 32.1497, 29.1192 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 35.9967, 32.1497, 29.1192**

## **Background**



This preview shows how black text looks on a background with the XYZ color 35.9967, 32.1497, 29.1192.



This preview shows how white text looks on a background with the XYZ color 35.9967, 32.1497,



# 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

35.9967, 32.1497, 29.1192

### Protanopia

30.7582, 32.1582, 32.1898

### Deuteranopia

32.7057, 32.0426, 28.8872



## Tritanopia

36.7300, 32.0047, 33.0958

# Trichromacy



## Original Color

35.9967, 32.1497, 29.1192

## Protanomaly

32.3591, 32.0546, 30.8672

## Deuteranomaly

33.8417, 31.9386, 28.8072

## Tritanomaly

36.5587, 32.1689, 31.4765

# Monochromacy



## Original Color

35.9967, 32.1497, 29.1192

## Achromatopsia

31.5995, 33.2452, 36.2040

## Achromatomaly

32.9338, 32.7702, 33.4437

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 35.9967, 32.1497, 29.1192 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(192, 141, 140)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 140)  
}
```

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(192, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 140) }
```

## Border

The CSS property to change the border of an element to XYZ 35.9967, 32.1497, 29.1192 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(192, 141, 140) }
```



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

```
.border{ border-color:rgb(192, 141, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 140);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
140) }
```

# Background

The CSS property to change the background color of an element to XYZ 35.9967, 32.1497, 29.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 140) }
```

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

```
.background{ background-color: rgb(192,  
141, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor