

# Converting Colors

XYZ(34.6934, 32.6628, 26.3058)

Have a look what the booklet for  
XYZ(34.6934, 32.6628, 26.3058)  
contains.

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# Color

**XYZ(34.6934, 32.6628,  
26.3058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA9284
RGB	186, 146, 132
RGB Percent	73%, 57%, 52%
CMY	0.2706, 0.4274, 0.4823
CMYK	0.00, 0.22, 0.29, 0.27
HSL	16°, 28%, 62%
HSV	16°, 29%, 73%
XYZ	34.6934, 32.6628, 26.3058
YIQ	156.3640, 28.3340, 4.1260

# Conversions

## Conversions Part 2

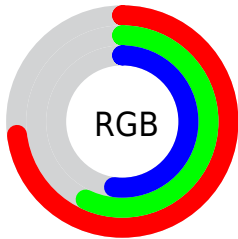
Format	Color
R <sub>Y</sub> B	186, 151, 132
Decimal	12227204
CIE Lab	63.89, 12.99, 13.17
CIE LCh	64, 18.501, 45.393
Yxy	32.6628, 0.3704, 0.3487
Android (android.graphics.Color)	4290417284 (0xFFBA9284)
YUV	156.3640, -12.0115, 25.9908
Hunter-Lab	57.1514, 8.3424, 12.7158

# Details

The XYZ color **34.6934, 32.6628, 26.3058** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1307, 37.9545, 52.0342**, and the grayscale version is **31.8064, 33.4628, 36.4410**.

A 20% lighter version of the original color is **66.3734, 63.8660, 54.7281**, and **15.1693, 13.7145, 10.0313** is the 20% darker color. If you saturate the color by 10%, you get **31.5352, 28.2049, 19.5235**, and if you desaturate by 10%, it is **38.3362, 37.7263, 34.3700**.

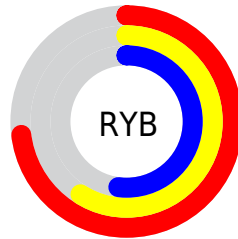
# Distribution



Red (73%)

Green (57%)

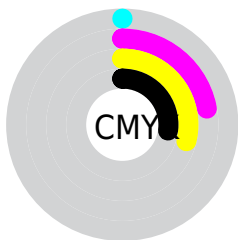
Blue (52%)



Red (73%)

Yellow (59%)

Blue (52%)

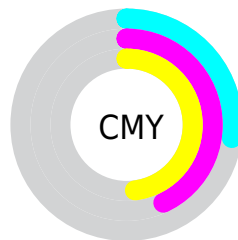


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (43%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6934, 32.6628, 26.3058 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 34.6934, 32.6628, 26.3058 by changing the saturation by 10% instead.




 34.6934, 32.6628,  
26.3058


 34.6934, 32.6628,  
26.3058


314.7447,  
314.1275, 297.9331


 23.5922, 21.8683,  
16.8247


 66.3477, 63.8487,  
54.7580

 15.1545, 13.7601,  
9.9490


 87.6315, 85.0089,  
74.5662

 9.0149, 7.9540,  
5.2600


 113.0402,  
110.3930, 98.6539

 4.8081, 4.0655,  
2.3392

142.9391,  
140.3856, 127.4396

 2.1687, 1.7103,  
0.7531

177.6937,  
175.3709, 161.3418

 0.7262, 0.4303,  
0.0000

217.6693,

 0.0000, 0.0000,

215.7334, 200.7791

0.0000

263.2311,  
261.8575, 246.1700

■ 34.6934, 32.6628,  
26.3058

■ 34.6934, 32.6628,  
26.3058

■ 31.5352, 28.2049,  
19.5235

■ 38.3362, 37.7263,  
34.3700

■ 28.8380, 24.3253,  
13.9545

■ 42.4808, 43.4127,  
43.7757

■ 26.5798, 21.0009,  
9.5269

■ 47.1467, 49.7439,  
54.5813

■ 24.7358, 18.2055,  
6.1603

■ 52.3515, 56.7397,  
66.8410

■ 23.2784, 15.9105,  
3.7637

■ 58.1121, 64.4187,  
80.6062

■ 22.1763, 14.0845,  
2.2305

■ 64.4446, 72.7991,  
95.9258

■ 21.3819, 12.6876,  
1.3737

■ 70.1829, 81.4255,  
106.6254

■ 21.3163, 12.5723,  
1.3032

■ 74.0597, 89.1791,  
107.9177

# Harmonies

## Analogous

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



36.1239, 32.6628, 31.8942



34.6934, 32.6628, 26.3058



32.3242, 32.6628, 23.4206

# Triad

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



34.6934, 32.6628, 26.3058



26.4500, 32.6628, 32.0710



32.3923, 32.6628, 51.2483

# Complementary

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



34.6934, 32.6628, 26.3058



33.1307, 37.9545, 52.0342

# 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.



29.8000, 32.6628, 51.3132



34.6934, 32.6628, 26.3058



26.4660, 32.6628, 39.5055

# Square

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



34.6934, 32.6628, 26.3058



27.6169, 32.6628, 26.4195



27.6618, 32.6628, 46.7741



34.7456, 32.6628, 46.6076



# Rectangle

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



34.6934, 32.6628, 26.3058



30.5771, 32.6628, 23.1192



27.6618, 32.6628, 46.7741



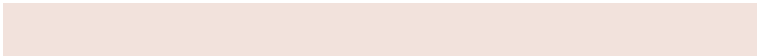
31.5177, 32.6628, 51.8254

# Sweetspot

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



34.6943, 32.6643, 26.3065



76.9054, 78.5605, 79.1316



35.9957, 29.9398, 43.1639



16.6811, 16.9525, 16.8429



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438



# Same Dimension

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



34.6943, 32.6643, 26.3065



59.0398, 53.7928, 39.3770



39.2626, 41.8009, 27.8292



9.1889, 9.3808, 9.4333



14.3936, 8.5636, 0.8943



0.5592, 0.4055, 0.0488



# Inverse Universe

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



33.1307, 37.9545, 52.0342



55.7216, 64.9646, 93.8040



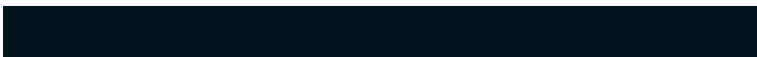
28.5809, 28.8550, 50.5176



9.0642, 9.8057, 11.4944



12.1175, 14.6947, 33.4508



0.4743, 0.6122, 1.1949



# Previews

## White Background



This preview shows how the XYZ color 34.6934, 32.6628, 26.3058 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

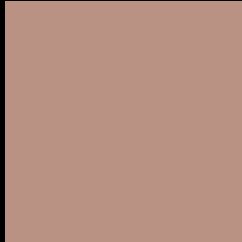
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 34.6934, 32.6628, 26.3058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

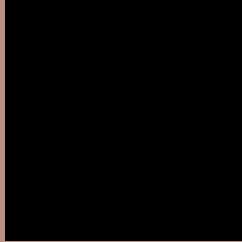
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 34.6934, 32.6628, 26.3058**

## **Background**



This preview shows how black text looks on a background with the XYZ color 34.6934, 32.6628, 26.3058.



This preview shows how white text looks on a background with the XYZ color 34.6934, 32.6628,



# 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

34.6934, 32.6628, 26.3058

### Protanopia

31.0656, 32.9016, 28.0059

### Deuteranopia

33.2043, 32.5986, 26.0148



## Tritanopia

36.3942, 32.6694, 34.9595

# Trichromacy



## Original Color

34.6934, 32.6628, 26.3058

## Protanomaly

32.3960, 32.8637, 27.5575

## Deuteranomaly

33.7427, 32.6423, 25.9949

## Tritanomaly

35.6551, 32.5866, 31.6048

# Monochromacy



## Original Color

34.6934, 32.6628, 26.3058

## Achromatopsia

31.5995, 33.2452, 36.2040

## Achromatomaly

32.4310, 32.7785, 32.2214

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 34.6934, 32.6628, 26.3058 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(186, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(186, 146, 132)  
}
```

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(186, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 146, 132) }
```

## Border

The CSS property to change the border of an element to XYZ 34.6934, 32.6628, 26.3058 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(186, 146, 132) }
```



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

```
.border{ border-color:rgb(186, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 146,  
132) }
```

# Background

The CSS property to change the background color of an element to XYZ 34.6934, 32.6628, 26.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 146, 132) }
```

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

```
.background{ background-color: rgb(186,  
146, 132) }
```

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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