

# Converting Colors

XYZ(37.3924, 35.6650, 28.5801)

Have a look what the booklet for  
XYZ(37.3924, 35.6650, 28.5801)  
contains.

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# Color

**XYZ(37.3924, 35.6650,  
28.5801)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF9989
RGB	191, 153, 137
RGB Percent	75%, 60%, 54%
CMY	0.2510, 0.4000, 0.4627
CMYK	0.00, 0.20, 0.28, 0.25
HSL	18°, 30%, 64%
HSV	18°, 28%, 75%
XYZ	37.3924, 35.6650, 28.5801
YIQ	162.5380, 27.7840, 3.0800

# Conversions

## Conversions Part 2

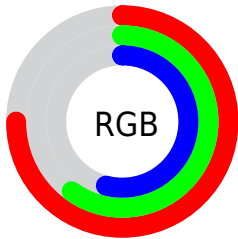
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 160, 137
Decimal	12556681
CIELab	66.26, 11.79, 13.78
CIELCh	66, 18.131, 49.455
Yxy	35.6650, 0.3679, 0.3509
Android (android.graphics.Color)	4290746761 (0xFFBF9989)
YUV	162.5380, -12.5902, 24.9612
Hunter-Lab	59.7202, 7.2533, 13.4299

# Details

The XYZ color **37.3924, 35.6650, 28.5801** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0499, 39.7384, 55.1132**, and the grayscale version is **34.6441, 36.4483, 39.6922**.

A 20% lighter version of the original color is **70.3185, 68.2998, 58.1922**, and **16.7882, 15.5092, 11.1256** is the 20% darker color. If you saturate the color by 10%, you get **34.0647, 31.0115, 21.2992**, and if you desaturate by 10%, it is **41.2123, 40.9143, 37.2225**.

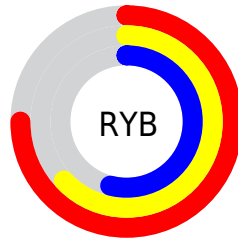
# Distribution



Red (75%)

Green (60%)

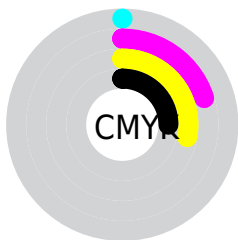
Blue (54%)



Red (75%)

Yellow (63%)

Blue (54%)

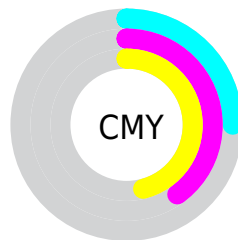


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (25%)



Cyan (25%)

Magenta (40%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3924, 35.6650, 28.5801 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 37.3924, 35.6650, 28.5801 by changing the saturation by 10% instead.





 37.3924, 35.6650,  
28.5801


 37.3924, 35.6650,  
28.5801

326.3324,  
327.4939, 309.2273


 25.6865, 24.1756,  
18.5206


 70.4858, 68.5147,  
58.4435

 16.7207, 15.4639,  
11.1511


 92.6040, 90.6437,  
79.0844

 10.1296, 9.1456,  
6.0531


 118.9238,  
117.0881, 104.0895

 5.5479, 4.8363,  
2.8081

149.8104,  
148.2323, 133.8774

 2.6102, 2.1515,  
0.9975

185.6292,  
184.4605, 168.8666

 0.9512, 0.6934,  
0.0000

226.7455,

 0.0000, 0.0000,

226.1573, 209.4756

0.0000

273.5248,  
273.7070, 256.1230

■ 37.3924, 35.6650,  
28.5801

■ 37.3924, 35.6650,  
28.5801

■ 34.0647, 31.0115,  
21.2992

■ 41.2123, 40.9143,  
37.2225

■ 31.2055, 26.9275,  
15.3074

■ 45.5412, 46.7749,  
47.2892

■ 28.7931, 23.3918,  
10.5291

■ 50.3987, 53.2677,  
58.8418

■ 26.8028, 20.3798,  
6.8798

■ 55.8023, 60.4112,  
71.9375

■ 25.2074, 17.8651,  
4.2637

■ 61.7687, 68.2231,  
86.6305

■ 23.9759, 15.8185,  
2.5691

■ 68.3139, 76.7204,  
102.9724

■ 23.0643, 14.2044,  
1.6209

■ 72.8210, 84.8666,  
107.1506

■ 22.9297, 13.9640,  
1.4868

■ 75.2958, 89.8164,  
107.9755

# Harmonies

## Analogous

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



39.0419, 35.6650, 34.0812



37.3924, 35.6650, 28.5801



34.8591, 35.6650, 25.9550

# Triad

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



37.3924, 35.6650, 28.5801



29.0390, 35.6650, 36.1709



35.6601, 35.6650, 54.6360

# Complementary

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



37.3924, 35.6650, 28.5801



35.0499, 39.7384, 55.1132

# 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.



32.9557, 35.6650, 55.3912



37.3924, 35.6650, 28.5801



29.2280, 35.6650, 44.0074

# Square

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



37.3924, 35.6650, 28.5801



30.0986, 35.6650, 29.9344



30.6293, 35.6650, 51.2848



38.0055, 35.6650, 49.3408



# Rectangle

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



37.3924, 35.6650, 28.5801



33.0515, 35.6650, 25.9174



30.6293, 35.6650, 51.2848



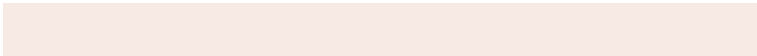
34.7599, 35.6650, 55.4536

# Sweetspot

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



37.3933, 35.6667, 28.5808



81.6840, 83.9347, 84.9762



38.2385, 32.0907, 45.0977



17.6638, 18.0635, 18.0180



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.



37.3933, 35.6667, 28.5808



63.1355, 58.5328, 42.7387



42.1816, 45.2432, 30.1769



9.7545, 9.9849, 9.9898



15.1310, 9.3009, 0.9978



0.6515, 0.4820, 0.0587



# Inverse Universe

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



35.0499, 39.7384, 55.1132



58.2326, 67.0187, 98.1459



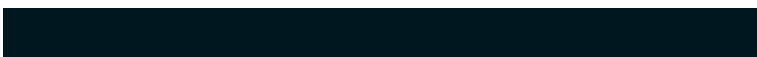
30.4208, 30.4804, 53.5701



9.5633, 10.3190, 12.1599



11.8912, 13.8941, 34.4480



0.5201, 0.6529, 1.3675



# Previews

## White Background



This preview shows how the XYZ color 37.3924, 35.6650, 28.5801 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

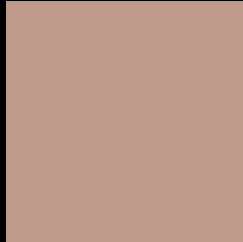
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 37.3924, 35.6650, 28.5801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

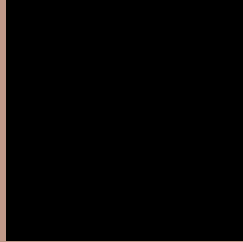
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 37.3924, 35.6650, 28.5801**

## **Background**



This preview shows how black text looks on a background with the XYZ color 37.3924, 35.6650, 28.5801.



This preview shows how white text looks on a background with the XYZ color 37.3924, 35.6650,



# 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

37.3924, 35.6650, 28.5801

### Protanopia

33.9148, 35.8478, 30.3311

### Deuteranopia

36.4864, 35.6879, 28.6323



## Tritanopia

39.4286, 35.5374, 38.4995

# Trichromacy



## Original Color

37.3924, 35.6650, 28.5801

## Protanomaly

35.0919, 35.6943, 29.8511

## Deuteranomaly

36.8100, 35.6087, 28.6000

## Tritanomaly

38.5662, 35.4171, 34.5093

# Monochromacy



## Original Color

37.3924, 35.6650, 28.5801

## Achromatopsia

34.8123, 36.6253, 39.8849

## Achromatomaly

35.4645, 36.0136, 35.6540

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 37.3924, 35.6650, 28.5801 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(191, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 137)  
}
```

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(191, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 137) }
```

## Border

The CSS property to change the border of an element to XYZ 37.3924, 35.6650, 28.5801 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(191, 153, 137) }
```



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

```
.border{ border-color:rgb(191, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 137);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
137) }
```

# Background

The CSS property to change the background color of an element to XYZ 37.3924, 35.6650, 28.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 137) }
```

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

```
.background{ background-color: rgb(191,  
153, 137) }
```

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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