

Converting Colors

XYZ(37.6340, 36.8336, 28.3457)

Have a look what the booklet for
XYZ(37.6340, 36.8336, 28.3457)
contains.

XYZ(37.7361, 36.8387, 28.4142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.7361, 36.8387,
28.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9D88
RGB	190, 157, 136
RGB Percent	75%, 62%, 53%
CMY	0.2549, 0.3843, 0.4667
CMYK	0.00, 0.17, 0.28, 0.25
HSL	23°, 29%, 64%
HSV	23°, 28%, 75%
XYZ	37.7361, 36.8387, 28.4142
YIQ	164.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

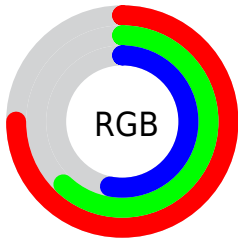
Format	Color
RYB	190, 170, 136
Decimal	12492168
CIELab	67.16, 9.06, 15.56
CIElCh	67, 18.008, 59.804
Yxy	36.8387, 0.3664, 0.3577
Android (android.graphics.Color)	4290682248 (0xFFBE9D88)
YUV	164.4730, -14.0372, 22.3872
Hunter-Lab	60.6949, 4.7635, 14.7299

Details

The XYZ color **37.7361, 36.8387, 28.4142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6351, 37.3266, 54.1473**, and the grayscale version is **35.5689, 37.4213, 40.7518**.

A 20% lighter version of the original color is **71.0866, 70.5352, 58.0121**, and **16.9871, 16.2142, 11.0384** is the 20% darker color. If you saturate the color by 10%, you get **34.6321, 32.6034, 21.2978**, and if you desaturate by 10%, it is **41.2681, 41.5465, 36.8551**.

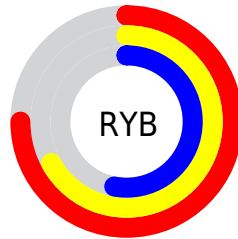
Distribution



Red (75%)

Green (62%)

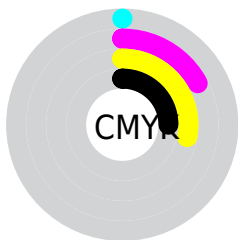
Blue (53%)



Red (75%)

Yellow (67%)

Blue (53%)

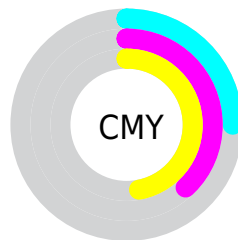


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7361, 36.8387, 28.4142 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 37.7361, 36.8387, 28.4142 by changing the saturation by 10% instead.


 37.7361, 36.8387,
28.4142


 37.7361, 36.8387,
28.4142

327.7870,
332.6117, 308.4148

 25.9542, 25.0826,
18.3964


 71.0100, 70.3246,
58.1761

 16.9219, 16.1386,
11.0626

 93.2327, 92.8233,
78.7572

 10.2738, 9.6223,
5.9942

 119.6664,
119.6716, 103.6966

 5.6445, 5.1493,
2.7728

150.6764,
151.2539, 133.4126

 2.6687, 2.3351,
0.9798

186.6281,
187.9547, 168.3239

 0.9811, 0.7922,
0.0000

227.8869,

 0.0000, 0.0000,

230.1583, 208.8490

0.0000

274.8181,
278.2492, 255.4065

■ 37.7361, 36.8387,
28.4142

■ 37.7361, 36.8387,
28.4142

■ 34.6321, 32.6034,
21.2978

■ 41.2681, 41.5465,
36.8551

■ 31.9354, 28.8200,
15.4352

■ 45.2419, 46.7363,
46.6815

■ 29.6277, 25.4740,
10.7528

■ 49.6742, 52.4239,
57.9535

■ 27.6881, 22.5479,
7.1680

■ 54.5799, 58.6224,
70.7268

■ 26.0932, 20.0228,
4.5874

■ 59.9732, 65.3447,
85.0541

■ 24.8164, 17.8778,
2.9019

■ 65.8677, 72.6033,
100.9858

■ 23.8181, 16.0865,
1.9358

■ 69.9392, 79.4750,
106.2618

■ 23.6776, 15.8319,
1.8079

■ 73.4342, 86.4652,
107.4268

■ 75.0452, 89.6872,
107.9638

Harmonies

Analogous

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



39.7961, 36.8387, 33.0577



37.7361, 36.8387, 28.4142



35.0321, 36.8387, 26.8155

Triad

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



37.7361, 36.8387, 28.4142



29.9972, 36.8387, 40.0595



37.7033, 36.8387, 54.7079

Complementary

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



37.7361, 36.8387, 28.4142



33.6351, 37.3266, 54.1473

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.



34.9961, 36.8387, 57.2036



37.7361, 36.8387, 28.4142



30.6313, 36.8387, 48.1025

Square

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



37.7361, 36.8387, 28.4142



30.6478, 36.8387, 32.9793



32.4262, 36.8387, 54.6445



39.7765, 36.8387, 48.2034

Rectangle

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



37.7361, 36.8387, 28.4142



33.2562, 36.8387, 27.5048



32.4262, 36.8387, 54.6445



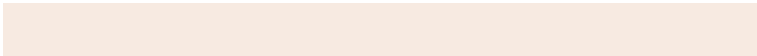
36.8328, 36.8387, 56.0785

Sweetspot

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



37.7371, 36.8404, 28.4150



81.4350, 83.9809, 83.2153



37.2293, 31.4317, 41.7889



17.6399, 18.1268, 17.6674



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.



37.7371, 36.8404, 28.4150



64.8462, 61.9542, 43.3090



42.7575, 46.8813, 30.0884



9.8263, 10.1286, 10.0138



15.8156, 10.6699, 1.2259



0.6834, 0.5457, 0.0693

Inverse Universe

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



33.6351, 37.3266, 54.1473



56.2067, 62.9670, 97.4706



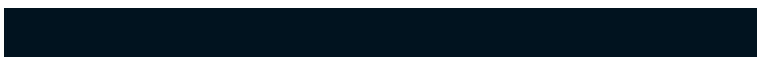
29.1657, 28.3878, 52.6575



9.4885, 10.1694, 12.1350



10.4184, 10.9485, 33.9571



0.4699, 0.5524, 1.3507

Previews

White Background



This preview shows how the XYZ color 37.7361, 36.8387, 28.4142 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 37.7361, 36.8387, 28.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

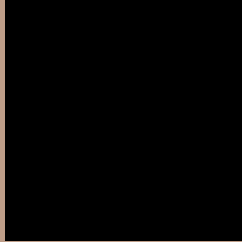
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7361, 36.8387, 28.4142

Background



This preview shows how black text looks on a background with the XYZ color 37.7361, 36.8387, 28.4142.



This preview shows how white text looks on a background with the XYZ color 37.7361, 36.8387,

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

37.7361, 36.8387, 28.4142

Protanopia

34.7707, 36.8291, 29.7022

Deuteranopia

37.4872, 36.7103, 28.4026



Tritanopia

40.1751, 36.8365, 40.5900

Trichromacy



Original Color

37.7361, 36.8387, 28.4142

Protanomaly

35.9227, 36.9084, 29.2755

Deuteranomaly

37.4872, 36.7103, 28.4026

Tritanomaly

39.1266, 36.6508, 35.5840

Monochromacy



Original Color

37.7361, 36.8387, 28.4142

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8112, 36.7071, 35.7696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7361, 36.8387, 28.4142 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(190, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 136)  
}
```

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(190, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.7361, 36.8387, 28.4142 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(190, 157, 136) }
```


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

```
.border{ border-color:rgb(190, 157, 136) }
```

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

Here you see how a box with a 4 pixel rgb(190, 157, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(190, 157,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7361, 36.8387, 28.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 136) }
```

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

```
.background{ background-color: rgb(190,  
157, 136) }
```

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