

Converting Colors

XYZ(37.1859, 36.2274, 27.6436)

Have a look what the booklet for
XYZ(37.1859, 36.2274, 27.6436)
contains.

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Color

**XYZ(37.1778, 36.3170,
27.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9C86
RGB	189, 156, 134
RGB Percent	74%, 61%, 53%
CMY	0.2588, 0.3882, 0.4745
CMYK	0.00, 0.17, 0.29, 0.26
HSL	24°, 29%, 63%
HSV	24°, 29%, 74%
XYZ	37.1778, 36.3170, 27.6047
YIQ	163.3590, 26.7300, 0.1540

Conversions

Conversions Part 2

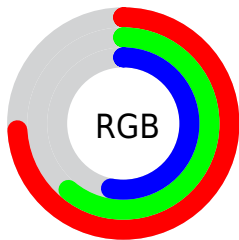
Format	Color
R_{YB}	189, 171, 134
Decimal	12426374
CIE _{Lab}	66.76, 8.94, 16.11
CIE _{LCh}	67, 18.423, 60.984
Yxy	36.3170, 0.3677, 0.3592
Android (android.graphics.Color)	4290616454 (0xFFBD9C86)
YUV	163.3590, -14.4740, 22.4872
Hunter-Lab	60.2636, 4.6589, 15.0258

Details

The XYZ color **37.1778, 36.3170, 27.6047** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8352, 36.3788, 53.4354**, and the grayscale version is **35.0407, 36.8656, 40.1466**.

A 20% lighter version of the original color is **70.0223, 69.2739, 56.6943**, and **16.6435, 15.8941, 10.5782** is the 20% darker color. If you saturate the color by 10%, you get **34.1611, 32.2079, 20.6665**, and if you desaturate by 10%, it is **40.6097, 40.8790, 35.8444**.

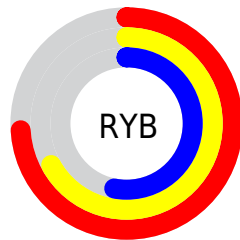
Distribution



Red (74%)

Green (61%)

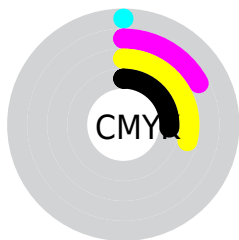
Blue (53%)



Red (74%)

Yellow (67%)

Blue (53%)

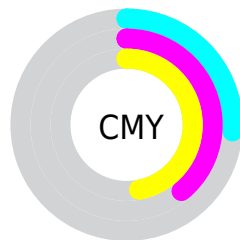


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1778, 36.3170, 27.6047 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 37.1778, 36.3170, 27.6047 by changing the saturation by 10% instead.


 37.1778, 36.3170,
27.6047


 37.1778, 36.3170,
27.6047


325.4218,
330.3440, 304.4255


 25.5195, 24.6791,
17.7914


 70.1582, 69.5211,
56.8682

 16.5953, 15.8382,
10.6325


 92.2110, 91.8560,
77.1555

 10.0399, 9.4097,
5.7092


 118.4594,
118.5255, 101.7713

 5.4879, 5.0094,
2.6032

149.2687,
149.9139, 131.1340

 2.5739, 2.2528,
0.8941

185.0042,
186.4055, 165.6622

 0.9327, 0.7485,
0.0000

226.0313,

 0.0000, 0.0000,

228.3848, 205.7745

0.0000

272.7154,
276.2361, 251.8894

■ 37.1778, 36.3170,
27.6047

■ 37.1778, 36.3170,
27.6047

■ 34.1611, 32.2079,
20.6665

■ 40.6097, 40.8790,
35.8444

■ 31.5394, 28.5320,
14.9599

■ 44.4701, 45.9027,
45.4461

■ 29.2947, 25.2753,
10.4117

■ 48.7754, 51.4032,
56.4692

■ 27.4066, 22.4212,
6.9400

■ 53.5401, 57.3932,
68.9689

■ 25.8523, 19.9515,
4.4518

■ 58.7780, 63.8849,
82.9974

■ 24.6055, 17.8465,
2.8381

■ 64.5023, 70.8901,
98.6044

■ 23.6240, 16.0793,
1.9074

■ 68.8522, 77.6706,
105.9708

■ 23.5442, 15.9347,
1.8348

■ 72.2096, 84.3855,
107.0899

■ 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



39.3091, 36.3170, 32.1709



37.1778, 36.3170, 27.6047



34.4265, 36.3170, 26.1210

Triad

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



37.1778, 36.3170, 27.6047



29.4424, 36.3170, 39.8066



37.3451, 36.3170, 54.1807

Complementary

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



37.1778, 36.3170, 27.6047



32.8352, 36.3788, 53.4354

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.



34.6101, 36.3170, 56.9188



37.1778, 36.3170, 27.6047



30.1334, 36.3170, 47.9633

Square

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



37.1778, 36.3170, 27.6047



30.0496, 36.3170, 32.5694



31.9886, 36.3170, 54.5057



39.4093, 36.3170, 47.4472

Rectangle

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



37.1778, 36.3170, 27.6047



32.6383, 36.3170, 26.8973



31.9886, 36.3170, 54.5057



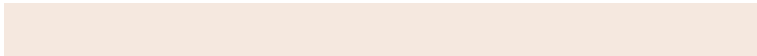
36.4690, 36.3170, 55.6365

Sweetspot

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



37.1788, 36.3187, 27.6054



79.6137, 82.1701, 81.3125



36.4867, 30.6595, 40.5543



16.8934, 17.3771, 16.9137



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.



37.1788, 36.3187, 27.6054



63.0130, 60.2002, 41.1542



42.3263, 46.6138, 29.3213



9.8350, 10.1460, 10.0166



15.9117, 10.8622, 1.2580



0.6875, 0.5540, 0.0707

Inverse Universe

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



32.8352, 36.3788, 53.4354



53.9484, 60.3148, 95.0247



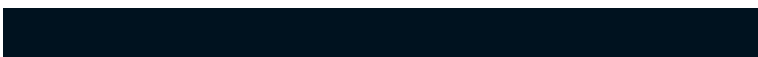
28.3224, 27.3533, 51.9311



9.4796, 10.1515, 12.1320



10.2587, 10.6292, 33.9038



0.4642, 0.5411, 1.3488

Previews

White Background



This preview shows how the XYZ color 37.1778, 36.3170, 27.6047 looks on a white background.

Color Contrast Check

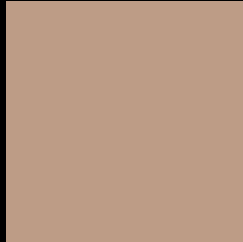
Large Text (above 18pt) WCAG AA × Fail

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 37.1778, 36.3170, 27.6047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

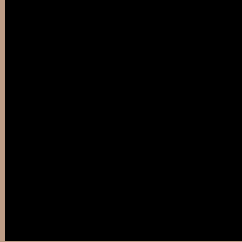
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1778, 36.3170, 27.6047

Background



This preview shows how black text looks on a background with the XYZ color 37.1778, 36.3170, 27.6047.



This preview shows how white text looks on a background with the XYZ color 37.1778, 36.3170,

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

37.1778, 36.3170, 27.6047

Protanopia

34.2303, 36.3047, 28.8703

Deuteranopia

36.9306, 36.1895, 27.5931



Tritanopia

39.6673, 36.3433, 40.0462

Trichromacy



Original Color

37.1778, 36.3170, 27.6047

Protanomaly

35.3748, 36.3842, 28.4509

Deuteranomaly

36.9306, 36.1895, 27.5931

Tritanomaly

38.6269, 36.1587, 35.0805

Monochromacy



Original Color

37.1778, 36.3170, 27.6047

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2516, 36.1793, 34.8311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1778, 36.3170, 27.6047 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(189, 156, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 134)  
}
```

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(189, 156, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 134) }
```

Border

The CSS property to change the border of an element to XYZ 37.1778, 36.3170, 27.6047 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(189, 156, 134) }
```


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

```
.border{ border-color:rgb(189, 156, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 156, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1778, 36.3170, 27.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 134) }
```

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

```
.background{ background-color: rgb(189,  
156, 134) }
```

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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