

Converting Colors

XYZ(36.3169, 37.4813, 27.4707)

Have a look what the booklet for
XYZ(36.3169, 37.4813, 27.4707)
contains.

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Color

**XYZ(36.2100, 37.3579,
27.4926)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B5A285 |
| RGB | 181, 162, 133 |
| RGB Percent | 71%, 64%, 52% |
| CMY | 0.2902, 0.3647, 0.4784 |
| CMYK | 0.00, 0.10, 0.27, 0.29 |
| HSL | 36°, 24%, 62% |
| HSV | 36°, 27%, 71% |
| XYZ | 36.2100, 37.3579, 27.4926 |
| YIQ | 164.3750, 20.6330, -4.9910 |

Conversions

Conversions Part 2

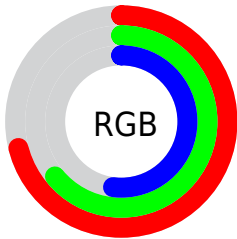
| Format | Color |
|-------------------------------------|---|
| RYB | 164, 181, 133 |
| Decimal | 11903621 |
| CIELab | 67.54, 2.36, 17.63 |
| CIELCh | 68, 17.790, 82.379 |
| Yxy | 37.3579, 0.3583, 0.3697 |
| Android (android.graphics.Color) | 4290093701 (0xFFB5A285) |
| YUV | 164.3750, -15.4679, 14.5801 |
| Hunter-Lab | 61.1211, -1.2131, 16.1158 |

Details

The XYZ color **36.2100, 37.3579, 27.4926** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.2413, 30.7782, 48.1157**, and the grayscale version is **35.5307, 37.3810, 40.7079**.

A 20% lighter version of the original color is **68.6008, 71.1754, 56.5769**, and **16.0394, 16.3656, 10.4971** is the 20% darker color. If you saturate the color by 10%, you get **33.8399, 34.4493, 21.0557**, and if you desaturate by 10%, it is **38.8694, 40.4998, 35.0899**.

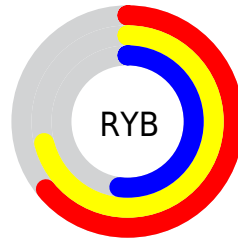
Distribution



Red (71%)

Green (64%)

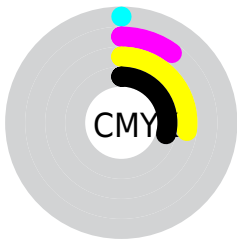
Blue (52%)



Red (64%)

Yellow (71%)

Blue (52%)

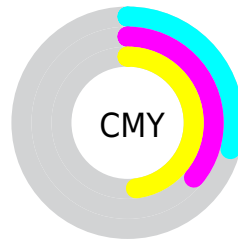


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2100, 37.3579, 27.4926 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 36.2100, 37.3579, 27.4926 by changing the saturation by 10% instead.


 36.2100, 37.3579,
27.4926


 36.2100, 37.3579,
27.4926


321.2927,
334.8574, 303.8696


 24.7673, 25.4847,
17.7078


 68.6778, 71.1229,
56.6866

 16.0316, 16.4386,
10.5732


 90.4336, 93.7835,
76.9330

 9.6375, 9.8350,
5.6701


 116.3579,
120.8087, 101.5036

 5.2197, 5.2897,
2.5800

146.8159,
152.5829, 130.8170

 2.4128, 2.4182,
0.8821

182.1730,
189.4905, 165.2918

 0.8515, 0.8352,
0.0000

222.7946,

 0.0000, 0.0000,

231.9158, 205.3465

0.0000

269.0461,
280.2433, 251.3996

■ 36.2100, 37.3579,
27.4926

■ 36.2100, 37.3579,
27.4926

■ 33.8399, 34.4493,
21.0557

■ 38.8694, 40.4998,
35.0899

■ 31.7441, 31.7623,
15.7184

■ 41.8267, 43.8765,
43.8998

■ 29.9101, 29.2912,
11.4176

■ 45.0935, 47.4956,
53.9739

■ 28.3236, 27.0282,
8.0829

■ 48.6801, 51.3630,
65.3603

■ 26.9682, 24.9648,
5.6351

■ 52.5960, 55.4844,
78.1044

■ 25.8252, 23.0914,
3.9822

■ 56.8505, 59.8651,
92.2496

■ 24.8697, 21.3959,
3.0000

■ 60.6860, 64.2037,
103.8018

■ 24.5643, 20.8402,
2.7279

■ 62.5182, 67.8681,
104.4125

■ 64.4309, 71.6935,
105.0501

Harmonies

Analogous

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



38.8177, 37.3579, 29.8689



36.2100, 37.3579, 27.4926



33.5415, 37.3579, 28.2715

Triad

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



36.2100, 37.3579, 27.4926



30.8605, 37.3579, 46.6885



39.8409, 37.3579, 50.5871

Complementary

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



36.2100, 37.3579, 27.4926



29.2413, 30.7782, 48.1157

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.



37.5490, 37.3579, 56.2642



36.2100, 37.3579, 27.4926



32.3912, 37.3579, 53.8194

Square

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



36.2100, 37.3579, 27.4926



30.5430, 37.3579, 38.7104



34.8143, 37.3579, 57.5173



40.9829, 37.3579, 42.7079

Rectangle

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



36.2100, 37.3579, 27.4926



32.0774, 37.3579, 30.5284



34.8143, 37.3579, 57.5173



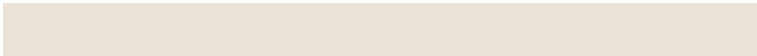
39.1740, 37.3579, 52.8558

Sweetspot

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



36.2110, 37.3596, 27.4934



74.0183, 77.5760, 75.9244



33.1277, 28.8728, 33.6191



15.8227, 16.5685, 15.8828



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.2110, 37.3596, 27.4934



62.2381, 63.7260, 42.0617



38.7074, 43.9947, 28.6425



8.9092, 9.3309, 8.9840



17.0032, 14.5049, 1.9036



0.5900, 0.5664, 0.0782

Inverse Universe

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



29.2413, 30.7782, 48.1157



47.5894, 49.8975, 85.4176



27.1766, 25.4979, 47.2053



8.3087, 8.7636, 10.7600



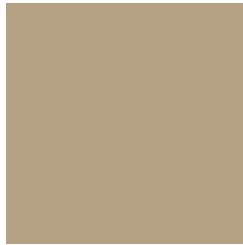
7.3945, 5.5895, 30.8261



0.2904, 0.2914, 0.9892

Previews

White Background



This preview shows how the XYZ color 36.2100, 37.3579, 27.4926 looks on a white background.

Color Contrast Check

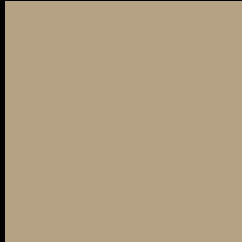
Large Text (above 18pt) WCAG AA × Fail

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 36.2100, 37.3579, 27.4926 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 36.2100, 37.3579, 27.4926

Background



This preview shows how black text looks on a background with the XYZ color 36.2100, 37.3579, 27.4926.



This preview shows how white text looks on a background with the XYZ color 36.2100, 37.3579,

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

36.2100, 37.3579, 27.4926

Protanopia

35.0341, 37.2708, 27.9017

Deuteranopia

38.0158, 37.2513, 27.7408



Tritanopia

39.2260, 37.2928, 42.6669

Trichromacy



Original Color

36.2100, 37.3579, 27.4926

Protanomaly

35.5317, 37.2627, 27.8740

Deuteranomaly

37.1947, 37.0823, 27.7515

Tritanomaly

38.1661, 37.3869, 36.6573

Monochromacy



Original Color

36.2100, 37.3579, 27.4926

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4245, 37.0403, 35.4194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2100, 37.3579, 27.4926 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(181, 162, 133)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 133)  
}
```

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(181, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 133) }
```

Border

The CSS property to change the border of an element to XYZ 36.2100, 37.3579, 27.4926 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(181, 162, 133) }
```


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

```
.border{ border-color:rgb(181, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2100, 37.3579, 27.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 133) }
```

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

```
.background{ background-color: rgb(181,  
162, 133) }
```

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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