

Converting Colors

XYZ(37.4337, 38.6954, 35.9024)

Have a look what the booklet for
XYZ(37.4337, 38.6954, 35.9024)
contains.

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Color

**XYZ(37.4193, 38.5905,
36.0483)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A59A
RGB	177, 165, 154
RGB Percent	69%, 65%, 60%
CMY	0.3059, 0.3529, 0.3961
CMYK	0.00, 0.07, 0.13, 0.31
HSL	29°, 13%, 65%
HSV	29°, 13%, 69%
XYZ	37.4193, 38.5905, 36.0483
YIQ	167.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

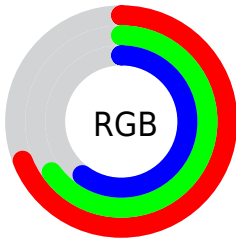
Format	Color
RYB	177, 175, 154
Decimal	11642266
CIELab	68.45, 2.43, 7.25
CIELCh	68, 7.649, 71.457
Yxy	38.5905, 0.3339, 0.3444
Android (android.graphics.Color)	4289832346 (0xFFB1A59A)
YUV	167.3340, -6.5737, 8.4771
Hunter-Lab	62.1213, -1.1911, 9.0795

Details

The XYZ color **37.4193, 38.5905, 36.0483** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8982, 37.3159, 46.9586**, and the grayscale version is **36.9218, 38.8446, 42.3017**.

A 20% lighter version of the original color is **70.5826, 73.0641, 70.0572**, and **16.6655, 17.0746, 15.2493** is the 20% darker color. If you saturate the color by 10%, you get **34.4473, 34.8340, 28.3130**, and if you desaturate by 10%, it is **40.7311, 42.6778, 44.9703**.

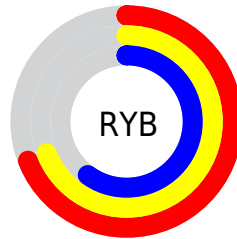
Distribution



Red (69%)

Green (65%)

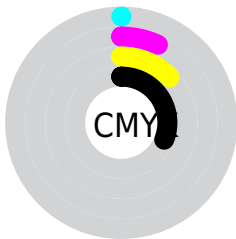
Blue (60%)



Red (69%)

Yellow (69%)

Blue (60%)

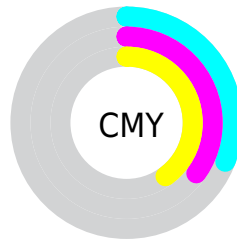


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4193, 38.5905, 36.0483 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 37.4193, 38.5905, 36.0483 by changing the saturation by 10% instead.

■ 37.4193, 38.5905,
36.0483

■ 37.4193, 38.5905,
36.0483

326.4464,
340.1463, 344.2154

■ 25.7075, 26.4413,
24.1815

■ 70.5269, 73.0123,
70.2765

■ 16.7365, 17.1541,
15.2549

■ 92.6533, 96.0537,
93.4750

■ 10.1409, 10.3444,
8.8499

118.9820,
123.4947, 121.2878

■ 5.5555, 5.6279,
4.5479

149.8782,
155.7196, 154.1334

■ 2.6148, 2.6202,
1.9305

185.7075,
193.1128, 192.4305

■ 0.9535, 0.9368,
0.5120

226.8350,

■ 0.0000, 0.0000,

236.0587, 236.5975

0.0000

273.6262,
284.9418, 287.0529

■ 37.4193, 38.5905,
36.0483

■ 37.4193, 38.5905,
36.0483

■ 34.4473, 34.8340,
28.3130

■ 40.7311, 42.6778,
44.9703

■ 31.7999, 31.3944,
21.7111

■ 44.3908, 47.0993,
55.1242

■ 29.4653, 28.2640,
16.1890

■ 48.4102, 51.8647,
66.5558

■ 27.4299, 25.4332,
11.6877

■ 52.7997, 56.9819,
79.3079

■ 25.6787, 22.8914,
8.1425

■ 57.5691, 62.4583,
93.4212

■ 24.1952, 20.6274,
5.4811

■ 61.8789, 67.9618,
104.4643

■ 22.9610, 18.6290,
3.6206

■ 64.3750, 72.9541,
105.2964

■ 21.9542, 16.8824,
2.4623

■ 67.0071, 78.2183,
106.1737

■ 21.3550, 15.7941,
1.9230

■ 69.7773, 83.7586,
107.0971

Harmonies

Analogous

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



38.4393, 38.5905, 37.7855



37.4193, 38.5905, 36.0483



36.2218, 38.5905, 35.8574

Triad

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



37.4193, 38.5905, 36.0483



34.4595, 38.5905, 43.3475



38.2312, 38.5905, 47.1789

Complementary

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



37.4193, 38.5905, 36.0483



34.8982, 37.3159, 46.9586

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.



37.1403, 38.5905, 48.8478



37.4193, 38.5905, 36.0483



34.9735, 38.5905, 46.5564

Square

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



37.4193, 38.5905, 36.0483



34.5305, 38.5905, 39.9477



35.9488, 38.5905, 48.6139



38.9150, 38.5905, 44.1596

Rectangle

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



37.4193, 38.5905, 36.0483



35.4858, 38.5905, 36.6195



35.9488, 38.5905, 48.6139



37.8989, 38.5905, 47.9236

Sweetspot

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



37.4204, 38.5922, 36.0491



72.2810, 75.6195, 78.7190



36.5949, 35.2217, 41.0749



15.5658, 16.2672, 16.7910



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.4204, 38.5922, 36.0491



65.2065, 66.8459, 59.7893



39.5356, 42.8228, 36.7542



8.8206, 9.1536, 8.9545



15.5325, 11.5635, 1.4133



0.5472, 0.4809, 0.0640

Inverse Universe

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



34.8982, 37.3159, 46.9586



59.6756, 64.0468, 83.7123



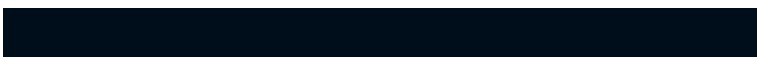
32.9452, 33.4099, 46.3076



8.3964, 8.9390, 10.7892



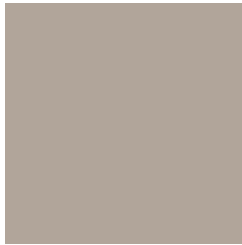
8.6039, 8.0082, 31.2292



0.3287, 0.3679, 1.0019

Previews

White Background



This preview shows how the XYZ color 37.4193, 38.5905, 36.0483 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 37.4193, 38.5905, 36.0483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

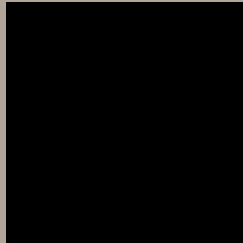
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4193, 38.5905, 36.0483

Background



This preview shows how black text looks on a background with the XYZ color 37.4193, 38.5905, 36.0483.

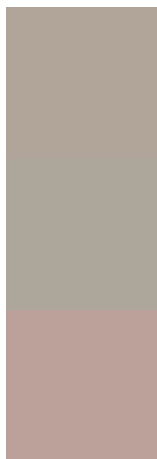


This preview shows how white text looks on a background with the XYZ color 37.4193, 38.5905,

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

37.4193, 38.5905, 36.0483

Protanopia

36.7862, 38.5232, 36.5072

Deuteranopia

39.4003, 38.5477, 36.3742



Tritanopia

39.4806, 38.6391, 45.9347

Trichromacy



Original Color

37.4193, 38.5905, 36.0483

Protanomaly

37.0082, 38.6377, 36.5176

Deuteranomaly

38.6039, 38.3976, 36.3872

Tritanomaly

38.6626, 38.5681, 41.9659

Monochromacy



Original Color

37.4193, 38.5905, 36.0483

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9524, 38.5390, 39.6736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4193, 38.5905, 36.0483 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(177, 165, 154)` looks like.

```
.text, #text, p{  
    color:rgb(177, 165, 154)  
}
```

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(177, 165, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 165, 154) }
```

Border

The CSS property to change the border of an element to XYZ 37.4193, 38.5905, 36.0483 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(177, 165, 154) }
```


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

```
.border{ border-color:rgb(177, 165, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 165, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 165, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 165, 154);  
box-shadow:4px 4px 4px 4px rgb(177, 165,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4193, 38.5905, 36.0483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 165, 154) }
```

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

```
.background{ background-color: rgb(177,  
165, 154) }
```

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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