

Converting Colors

XYZ(37.7981, 36.3805, 30.2293)

Have a look what the booklet for
XYZ(37.7981, 36.3805, 30.2293)
contains.

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Color

**XYZ(37.7643, 36.3129,
30.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9B8D
RGB	190, 155, 141
RGB Percent	75%, 61%, 55%
CMY	0.2549, 0.3921, 0.4471
CMYK	0.00, 0.18, 0.26, 0.25
HSL	17°, 27%, 65%
HSV	17°, 26%, 75%
XYZ	37.7643, 36.3129, 30.2180
YIQ	163.8690, 25.3540, 3.0660

Conversions

Conversions Part 2

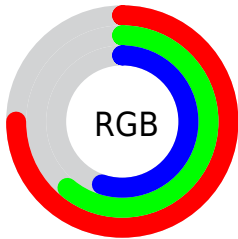
Format	Color
RYB	190, 161, 141
Decimal	12491661
CIELab	66.76, 10.86, 12.23
CIELCh	67, 16.358, 48.390
Yxy	36.3129, 0.3621, 0.3482
Android (android.graphics.Color)	4290681741 (0xFFBE9B8D)
YUV	163.8690, -11.2744, 22.9169
Hunter-Lab	60.2602, 6.4084, 12.4506

Details

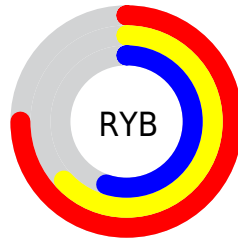
The XYZ color **37.7643, 36.3129, 30.2180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8038, 40.4301, 54.6322**, and the grayscale version is **35.2686, 37.1053, 40.4076**.

A 20% lighter version of the original color is **71.0086, 69.3152, 61.2664**, and **16.9920, 15.8902, 12.0691** is the 20% darker color. If you saturate the color by 10%, you get **34.3373, 31.5305, 22.6890**, and if you desaturate by 10%, it is **41.6896, 41.7033, 39.1106**.

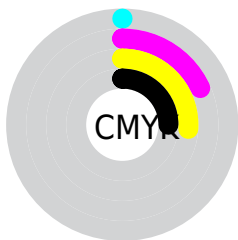
Distribution



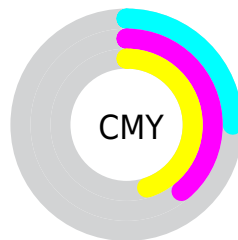
- Red (75%)
- Green (61%)
- Blue (55%)



- Red (75%)
- Yellow (63%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (25%)





- Cyan (25%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7643, 36.3129, 30.2180 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 37.7643, 36.3129, 30.2180 by changing the saturation by 10% instead.


 37.7643, 36.3129,
30.2180


 37.7643, 36.3129,
30.2180


327.9062,
330.3261, 317.1582

 25.9762, 24.6760,
19.7507


 71.0530, 69.5147,
61.0718

 16.9384, 15.8358,
12.0317


 93.2842, 91.8484,
82.2954

 10.2856, 9.4080,
6.6424


 119.7272,
118.5165, 107.9415

 5.6525, 5.0083,
3.1645

150.7474,
149.9033, 138.4286

 2.6736, 2.2521,
1.1792

186.7100,
186.3933, 174.1753

 0.9836, 0.7482,
0.0000

227.9804,

 0.0000, 0.0000,

228.3708, 215.6001

0.0000

274.9240,
276.2203, 263.1215

■ 37.7643, 36.3129,
30.2180

■ 37.7643, 36.3129,
30.2180

■ 34.3373, 31.5305,
22.6890

■ 41.6896, 41.7033,
39.1106

■ 31.3851, 27.3295,
16.4532

■ 46.1298, 47.7172,
49.4276

■ 28.8862, 23.6885,
11.4376

■ 51.1042, 54.3758,
61.2290

■ 26.8165, 20.5828,
7.5607

■ 56.6304, 61.6979,
74.5708

■ 25.1492, 17.9859,
4.7310

■ 62.7248, 69.7014,
89.5058

■ 23.8543, 15.8686,
2.8426

■ 69.4033, 78.4032,
106.0831

■ 22.8958, 14.1979,
1.7635

■ 73.4695, 86.5354,
107.4385

■ 22.5685, 13.6135,
1.4382

■ 75.0453, 89.6872,
107.9638

Harmonies

Analogous

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



39.2188, 36.3129, 35.4018



37.7643, 36.3129, 30.2180



35.4787, 36.3129, 27.6584

Triad

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



37.7643, 36.3129, 30.2180



30.0692, 36.3129, 36.8647



36.0341, 36.3129, 53.8969

Complementary

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



37.7643, 36.3129, 30.2180



35.8038, 40.4301, 54.6322

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.



33.5676, 36.3129, 54.4103



37.7643, 36.3129, 30.2180



30.2019, 36.3129, 43.9857

Square

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



37.7643, 36.3129, 30.2180



31.0846, 36.3129, 31.1786



31.4564, 36.3129, 50.6021



38.1875, 36.3129, 49.2734

Rectangle

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



37.7643, 36.3129, 30.2180



33.8261, 36.3129, 27.5540



31.4564, 36.3129, 50.6021



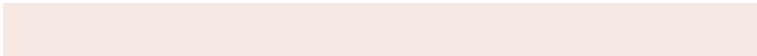
35.2118, 36.3129, 54.5746

Sweetspot

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



37.7653, 36.3146, 30.2187



81.6246, 83.8158, 84.9564



38.6085, 33.1366, 45.4963



17.6486, 18.0330, 18.0129



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.



37.7653, 36.3146, 30.2187



64.7791, 60.7224, 46.6705



42.2403, 45.2647, 31.7104



9.7463, 9.9686, 9.9871



15.0656, 9.1700, 0.9759



0.6480, 0.4750, 0.0575

Inverse Universe

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



35.8038, 40.4301, 54.6322



60.6090, 69.4447, 98.4889



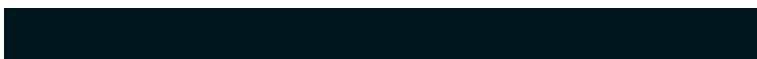
31.4453, 31.7131, 53.1794



9.5719, 10.3362, 12.1628



12.0760, 14.2638, 34.5096



0.5262, 0.6651, 1.3695

Previews

White Background



This preview shows how the XYZ color 37.7643, 36.3129, 30.2180 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 37.7643, 36.3129, 30.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

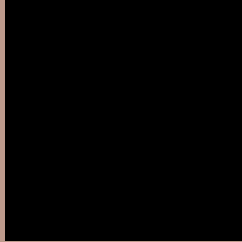
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7643, 36.3129, 30.2180

Background



This preview shows how black text looks on a background with the XYZ color 37.7643, 36.3129, 30.2180.



This preview shows how white text looks on a background with the XYZ color 37.7643, 36.3129,

30.2180.

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

37.7643, 36.3129, 30.2180

Protanopia

34.6087, 36.4310, 31.9959

Deuteranopia

37.1144, 36.4761, 30.2838



Tritanopia

39.8314, 36.4383, 39.5843

Trichromacy



Original Color

37.7643, 36.3129, 30.2180

Protanomaly

35.5636, 36.1570, 31.4902

Deuteranomaly

37.1897, 36.2648, 30.2390

Tritanomaly

39.0459, 36.3555, 35.9697

Monochromacy



Original Color

37.7643, 36.3129, 30.2180

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9792, 36.7743, 36.6543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7643, 36.3129, 30.2180 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, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(190, 155, 141)  
}
```

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, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.7643, 36.3129, 30.2180 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, 155, 141) }
```


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

```
.border{ border-color:rgb(190, 155, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(190, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7643, 36.3129, 30.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 155, 141) }
```

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

```
.background{ background-color: rgb(190,  
155, 141) }
```

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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