

Converting Colors

XYZ(37.1992, 37.9105, 18.8276)

Have a look what the booklet for
XYZ(37.1992, 37.9105, 18.8276)
contains.

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Color

**XYZ(37.0329, 37.7161,
18.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A169
RGB	192, 161, 105
RGB Percent	75%, 63%, 41%
CMY	0.2471, 0.3686, 0.5882
CMYK	0.00, 0.16, 0.45, 0.25
HSL	39°, 41%, 58%
HSV	39°, 45%, 75%
XYZ	37.0329, 37.7161, 18.6927
YIQ	163.8850, 36.4520, -10.8440

Conversions

Conversions Part 2

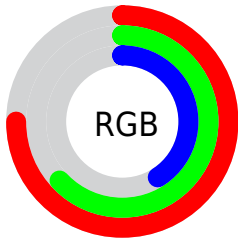
Format	Color
RYB	153, 192, 105
Decimal	12624233
CIELab	67.81, 3.94, 33.35
CIELCh	68, 33.577, 83.266
Yxy	37.7161, 0.3963, 0.4036
Android (android.graphics.Color)	4290814313 (0xFFC0A169)
YUV	163.8850, -29.0303, 24.6569
Hunter-Lab	61.4134, 0.1637, 24.9430

Details

The XYZ color **37.0329, 37.7161, 18.6927** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.1440, 24.4165, 53.3094**, and the grayscale version is **35.3542, 37.1954, 40.5058**.

A 20% lighter version of the original color is **70.0660, 71.8700, 42.0777**, and **16.6063, 16.7557, 6.1003** is the 20% darker color. If you saturate the color by 10%, you get **34.9927, 35.0407, 13.6815**, and if you desaturate by 10%, it is **39.3632, 40.6150, 24.9006**.

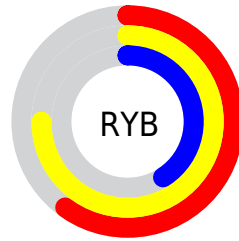
Distribution



Red (75%)

Green (63%)

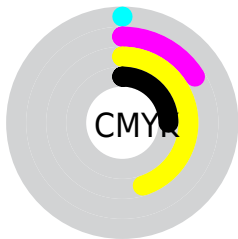
Blue (41%)



Red (60%)

Yellow (75%)

Blue (41%)

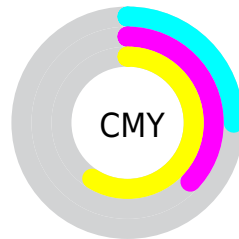


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0329, 37.7161, 18.6927 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 37.0329, 37.7161, 18.6927 by changing the saturation by 10% instead.

■ 37.0329, 37.7161,
18.6927

■ 37.0329, 37.7161,
18.6927

324.8060,
336.4005, 257.1129

■ 25.4068, 25.7624,
11.2739

■ 69.9369, 71.6728,
42.0439

■ 16.5107, 16.6460,
6.1349

■ 91.9454, 94.4446,
58.8135

■ 9.9794, 9.9824,
2.8572

■ 118.1455,
121.5912, 79.5369

■ 5.4475, 5.3873,
1.0222

■ 148.9024,
153.4970, 104.6329

■ 2.5495, 2.4762,
0.0000

184.5816,
190.5465, 134.5200

■ 0.9203, 0.8647,
0.0000

225.5483,

■ 0.0000, 0.0000,

233.1240, 169.6167

0.0000

272.1680,
281.6139, 210.3415

■ 37.0329, 37.7161,
18.6927

■ 37.0329, 37.7161,
18.6927

■ 34.9927, 35.0407,
13.6815

■ 39.3632, 40.6150,
24.9006

■ 33.2236, 32.5753,
9.7844

■ 41.9955, 43.7396,
32.3756

■ 31.7084, 30.3128,
6.9118

■ 44.9445, 47.0987,
41.1857

■ 30.4261, 28.2430,
4.9591

■ 48.2228, 50.6989,
51.3929

■ 29.3515, 26.3541,
3.7983

■ 51.8425, 54.5466,
63.0556

■ 28.8953, 25.5207,
3.4030

■ 55.8149, 58.6478,
76.2287

■ 60.1506, 63.0081,
90.9643

■ 64.2745, 67.3990,
104.2294

■ 66.0608, 70.9716,
104.8249

Harmonies

Analogous

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



42.1649, 37.7161, 22.1312



37.0329, 37.7161, 18.6927



32.0429, 37.7161, 19.9819

Triad

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



37.0329, 37.7161, 18.6927



27.4269, 37.7161, 53.4438



44.4703, 37.7161, 60.6779

Complementary

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



37.0329, 37.7161, 18.6927



24.1440, 24.4165, 53.3094

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.



39.9431, 37.7161, 73.3789



37.0329, 37.7161, 18.6927



30.1958, 37.7161, 68.5463

Square

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



37.0329, 37.7161, 18.6927



26.8094, 37.7161, 37.8004



34.6887, 37.7161, 76.5609



46.7193, 37.7161, 44.5154

Rectangle

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



37.0329, 37.7161, 18.6927



29.4242, 37.7161, 23.5491



34.6887, 37.7161, 76.5609



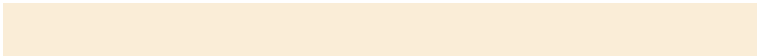
43.1447, 37.7161, 65.6379

Sweetspot

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



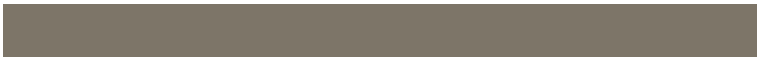
37.0338, 37.7179, 18.6935



82.0536, 86.0283, 76.5125



31.2982, 23.1133, 26.4414



17.3400, 18.1616, 15.6108



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.



37.0338, 37.7179, 18.6935



63.5593, 63.7001, 25.1512



40.3152, 48.4706, 20.5960



10.6018, 11.1350, 10.6524



19.5191, 17.3240, 2.3151



0.9065, 0.8747, 0.1211

Inverse Universe

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



24.1440, 24.4165, 53.3094



37.4066, 36.7431, 95.4809



21.8489, 17.6636, 52.1270



9.8154, 10.3221, 12.7599



7.8770, 5.5104, 34.2051



0.4058, 0.3690, 1.4997

Previews

White Background



This preview shows how the XYZ color 37.0329, 37.7161, 18.6927 looks on a white background.

Color Contrast Check

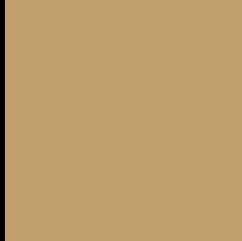
Large Text (above 18pt) WCAG AA × Fail

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 37.0329, 37.7161, 18.6927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

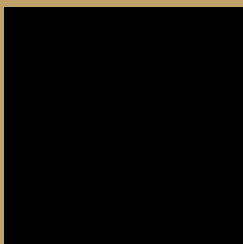
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0329, 37.7161, 18.6927

Background



This preview shows how black text looks on a background with the XYZ color 37.0329, 37.7161, 18.6927.



This preview shows how white text looks on a background with the XYZ color 37.0329, 37.7161,

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

37.0329, 37.7161, 18.6927

Protanopia

34.9314, 37.6751, 19.3409

Deuteranopia

38.3816, 37.6364, 18.8773



Tritanopia

41.6358, 37.8336, 40.7055

Trichromacy



Original Color

37.0329, 37.7161, 18.6927

Protanomaly

35.6441, 37.7819, 19.0497

Deuteranomaly

37.7646, 37.5726, 18.8975

Tritanomaly

39.7798, 37.8329, 31.1925

Monochromacy



Original Color

37.0329, 37.7161, 18.6927

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5107, 37.1762, 31.2907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0329, 37.7161, 18.6927 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(192, 161, 105)` looks like.

```
.text, #text, p{  
    color:rgb(192, 161, 105)  
}
```

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(192, 161, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 161, 105) }
```

Border

The CSS property to change the border of an element to XYZ 37.0329, 37.7161, 18.6927 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(192, 161, 105) }
```


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

```
.border{ border-color:rgb(192, 161, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 161, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 161, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 161, 105);  
box-shadow:4px 4px 4px 4px rgb(192, 161,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0329, 37.7161, 18.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 161, 105) }
```

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

```
.background{ background-color: rgb(192,  
161, 105) }
```

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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