

Converting Colors

XYZ(37.2549, 36.5533, 18.7276)

Have a look what the booklet for
XYZ(37.2549, 36.5533, 18.7276)
contains.

XYZ(37.2549, 36.5533, 18.7276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.2549, 36.5533,
18.7276)**

Conversions

Conversions Part 1

Format	Color
Hex	C49C6A
RGB	196, 156, 106
RGB Percent	77%, 61%, 42%
CMY	0.2314, 0.3882, 0.5843
CMYK	0.00, 0.20, 0.46, 0.23
HSL	33°, 43%, 59%
HSV	33°, 46%, 77%
XYZ	37.2549, 36.5533, 18.7276
YIQ	162.2600, 39.8900, -7.0700

Conversions

Conversions Part 2

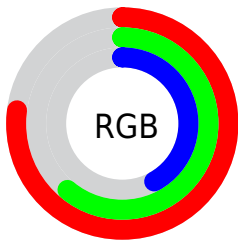
Format	Color
RYB	178, 196, 106
Decimal	12885098
CIELab	66.94, 8.42, 31.78
CIELCh	67, 32.871, 75.164
Yxy	36.5533, 0.4026, 0.3950
Android (android.graphics.Color)	4291075178 (0xFFC49C6A)
YUV	162.2600, -27.7362, 29.5900
Hunter-Lab	60.4593, 4.1875, 23.9561

Details

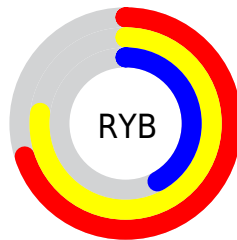
The XYZ color **37.2549, 36.5533, 18.7276** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1861, 27.6063, 56.1727**, and the grayscale version is **34.5783, 36.3790, 39.6168**.

A 20% lighter version of the original color is **70.0912, 69.6326, 42.0940**, and **16.6305, 15.9841, 6.2117** is the 20% darker color. If you saturate the color by 10%, you get **34.9405, 33.3734, 13.4893**, and if you desaturate by 10%, it is **39.9089, 40.0395, 25.2291**.

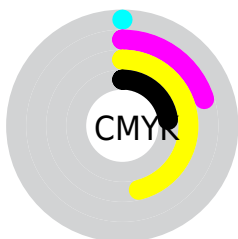
Distribution



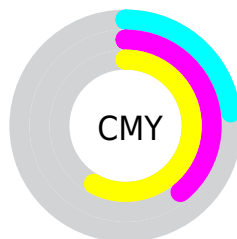
- Red (77%)
- Green (61%)
- Blue (42%)



- Red (70%)
- Yellow (77%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (46%)
- Black (23%)





- Cyan (23%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2549, 36.5533, 18.7276 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 37.2549, 36.5533, 18.7276 by changing the saturation by 10% instead.


 37.2549, 36.5533,
18.7276


 37.2549, 36.5533,
18.7276


325.7492,
331.3725, 257.3132


 25.5795, 24.8618,
11.2988


 70.2759, 69.8852,
42.1038

 16.6403, 15.9741,
6.1515


 92.3523, 92.2945,
58.8884

 10.0721, 9.5059,
2.8671


 118.6263,
119.0451, 79.6286

 5.5094, 5.0726,
1.0272

 149.4634,
150.5214, 104.7429

 2.5869, 2.2899,
0.0000

185.2288,
187.1080, 134.6501

 0.9393, 0.7684,
0.0000

226.2881,

 0.0000, 0.0000,

229.1891, 169.7684

0.0000

273.0064,
277.1491, 210.5167

■ 37.2549, 36.5533,
18.7276

■ 37.2549, 36.5533,
18.7276

■ 34.9405, 33.3734,
13.4893

■ 39.9089, 40.0395,
25.2291

■ 32.9447, 30.4839,
9.4266

■ 42.9165, 43.8368,
33.0690

■ 31.2480, 27.8746,
6.4441

■ 46.2940, 47.9565,
42.3192

■ 29.8272, 25.5325,
4.4300

■ 50.0559, 52.4075,
53.0458

■ 28.6532, 23.4422,
3.2444

■ 54.2156, 57.1984,
65.3105

■ 28.2227, 22.6514,
2.8847

■ 58.7861, 62.3373,
79.1718

■ 63.7795, 67.8321,
94.6849

■ 67.9258, 73.1777,
105.1524

■ 70.3505, 78.0270,
105.9606

Harmonies

Analogous

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



41.9475, 36.5533, 23.3374



37.2549, 36.5533, 18.7276



32.2957, 36.5533, 18.7522

Triad

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



37.2549, 36.5533, 18.7276



26.2896, 36.5533, 47.4203



41.9915, 36.5533, 62.4581

Complementary

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



37.2549, 36.5533, 18.7276



26.1861, 27.6063, 56.1727

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.



37.3105, 36.5533, 72.6031



37.2549, 36.5533, 18.7276



28.4143, 36.5533, 62.6084

Square

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



37.2549, 36.5533, 18.7276



26.2778, 36.5533, 33.1782



32.3463, 36.5533, 72.6639



44.8546, 36.5533, 47.2497

Rectangle

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



37.2549, 36.5533, 18.7276



29.5106, 36.5533, 21.3150



32.3463, 36.5533, 72.6639



40.5596, 36.5533, 66.7185

Sweetspot

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



37.2558, 36.5550, 18.7283



84.9718, 88.2025, 79.7714



33.1464, 24.1350, 30.3103



17.8824, 18.5132, 16.2189



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.2558, 36.5550, 18.7283



63.3181, 60.4880, 24.4825



43.9532, 51.6616, 21.2912



10.5268, 10.9850, 10.6274



18.2214, 14.7286, 1.8825



0.8552, 0.7721, 0.1040

Inverse Universe

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



26.1861, 27.6063, 56.1727



40.8245, 42.3222, 100.6251



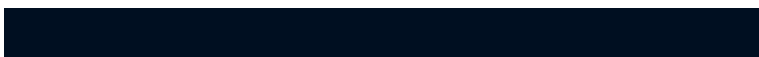
21.6109, 17.6412, 54.4904



9.8885, 10.4683, 12.7842



8.6804, 7.1173, 34.4729



0.4437, 0.4448, 1.5123

Previews

White Background



This preview shows how the XYZ color 37.2549, 36.5533, 18.7276 looks on a white background.

Color Contrast Check

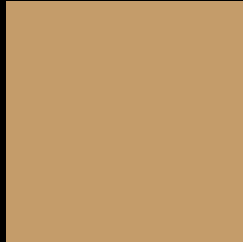
Large Text (above 18pt) WCAG AA × Fail

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 37.2549, 36.5533, 18.7276 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 37.2549, 36.5533, 18.7276

Background



This preview shows how black text looks on a background with the XYZ color 37.2549, 36.5533, 18.7276.



This preview shows how white text looks on a background with the XYZ color 37.2549, 36.5533,

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

37.2549, 36.5533, 18.7276

Protanopia

33.9890, 36.6456, 19.7499

Deuteranopia

37.2549, 36.5533, 18.7276



Tritanopia

41.2679, 36.4856, 38.5856

Trichromacy



Original Color

37.2549, 36.5533, 18.7276

Protanomaly

35.0447, 36.4147, 19.3690

Deuteranomaly

37.2549, 36.5533, 18.7276

Tritanomaly

39.5891, 36.5217, 30.1621

Monochromacy



Original Color

37.2549, 36.5533, 18.7276

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9088, 36.0933, 30.7180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2549, 36.5533, 18.7276 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(196, 156, 106)` looks like.

```
.text, #text, p{  
    color:rgb(196, 156, 106)  
}
```

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(196, 156, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 156, 106) }
```

Border

The CSS property to change the border of an element to XYZ 37.2549, 36.5533, 18.7276 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(196, 156, 106) }
```


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

```
.border{ border-color:rgb(196, 156, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 156, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 156, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 156, 106);  
box-shadow:4px 4px 4px 4px rgb(196, 156,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2549, 36.5533, 18.7276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 156, 106) }
```

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

```
.background{ background-color: rgb(196,  
156, 106) }
```

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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