

Converting Colors

XYZ(37.9126, 35.0628, 10.4327)

Have a look what the booklet for
XYZ(37.9126, 35.0628, 10.4327)
contains.

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Color

**XYZ(37.9586, 35.1648,
10.4171)**

Conversions

Conversions Part 1

Format	Color
Hex	D19445
RGB	209, 148, 69
RGB Percent	82%, 58%, 27%
CMY	0.1804, 0.4196, 0.7294
CMYK	0.00, 0.29, 0.67, 0.18
HSL	34°, 60%, 55%
HSV	34°, 67%, 82%
XYZ	37.9586, 35.1648, 10.4171
YIQ	157.2330, 61.7150, -11.6370

Conversions

Conversions Part 2

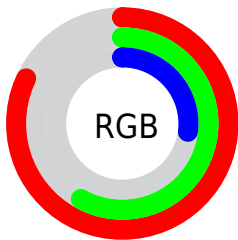
Format	Color
RYB	177, 209, 69
Decimal	13734981
CIELab	65.88, 15.29, 49.69
CIELCh	66, 51.993, 72.896
Yxy	35.1648, 0.4544, 0.4209
Android (android.graphics.Color)	4291925061 (0xFFD19445)
YUV	157.2330, -43.4989, 45.3997
Hunter-Lab	59.2999, 10.4852, 31.0946

Details

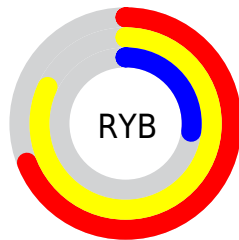
The XYZ color **37.9586, 35.1648, 10.4171** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **21.9451, 21.8330, 63.3788**, and the grayscale version is **32.3240, 34.0074, 37.0340**.

A 20% lighter version of the original color is **65.7507, 64.8571, 26.8225**, and **16.9459, 15.0708, 2.5060** is the 20% darker color. If you saturate the color by 10%, you get **36.0481, 32.2058, 7.1238**, and if you desaturate by 10%, it is **40.2115, 38.4434, 14.9520**.

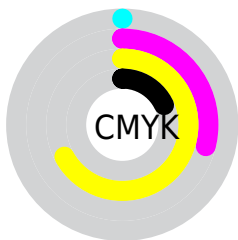
Distribution



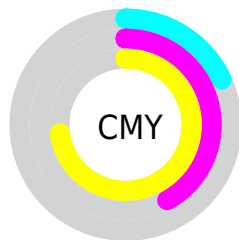
- Red (82%)
- Green (58%)
- Blue (27%)



- Red (69%)
- Yellow (82%)
- Blue (27%)



- Cyan (0%)
- Magenta (29%)
- Yellow (67%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9586, 35.1648, 10.4171 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 37.9586, 35.1648, 10.4171 by changing the saturation by 10% instead.


 37.9586, 35.1648,
10.4171


 37.9586, 35.1648,
10.4171

328.7263,
325.2952, 204.2154


 26.1276, 23.7899,
5.5672


 71.3490, 67.7410,
27.1971


 17.0523, 15.1778,
2.5192


 93.6391, 89.7110,
39.9643


 10.3673, 8.9443,
0.8503


 120.1463,
115.9815, 56.2076

 5.7073, 4.7048,
0.0000

 151.2360,
146.9369, 76.3456

 2.7069, 2.0751,
0.0000

 187.2735,
182.9616, 100.7968

 1.0007, 0.6506,
0.0000

228.6241,

 0.0000, 0.0000,

224.4399, 129.9799

0.0000

275.6532,
271.7563, 164.3132

■ 37.9586, 35.1648,
10.4171

■ 37.9586, 35.1648,
10.4171

■ 36.0481, 32.2058,
7.1238

■ 40.2115, 38.4434,
14.9520

■ 34.4498, 29.5459,
4.9365

■ 42.8284, 42.0500,
20.8411

■ 33.1285, 27.1683,
3.6789

■ 45.8317, 45.9988,
28.1862

■ 32.7661, 26.4986,
3.3878

■ 49.2409, 50.3013,
37.0789

■ 53.0741, 54.9683,
47.6031

■ 57.3482, 60.0103,
59.8366

■ 62.0789, 65.4369,
73.8524

■ 67.2812, 71.2574,
89.7189

■ 72.6291, 77.3448,
105.7088

Harmonies

Analogous

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



45.4550, 35.1648, 16.1078



37.9586, 35.1648, 10.4171



30.2334, 35.1648, 10.0832

Triad

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



37.9586, 35.1648, 10.4171



20.9925, 35.1648, 48.5281



44.5201, 35.1648, 78.3964

Complementary

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



37.9586, 35.1648, 10.4171



21.9451, 21.8330, 63.3788

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.



36.8296, 35.1648, 96.1054



37.9586, 35.1648, 10.4171



23.7272, 35.1648, 74.9079

Square

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



37.9586, 35.1648, 10.4171



21.1990, 35.1648, 27.1452



29.2641, 35.1648, 94.6282



49.6233, 35.1648, 52.1274

Rectangle

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



37.9586, 35.1648, 10.4171



26.0249, 35.1648, 12.6189



29.2641, 35.1648, 94.6282



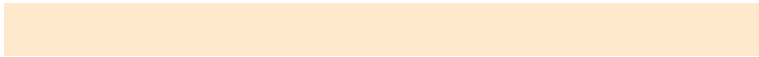
42.1052, 35.1648, 85.9294

Sweetspot

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



37.9594, 35.1666, 10.4178



81.2159, 83.7732, 69.0160



32.5876, 19.4778, 23.8722



17.0164, 17.4843, 13.7628



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.



37.9594, 35.1666, 10.4178



55.4959, 48.8157, 9.6294



48.2316, 58.5869, 14.3970



12.3543, 12.8993, 12.4507



20.3024, 16.5378, 2.1221



1.2134, 1.0811, 0.1447

Inverse Universe

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



21.9451, 21.8330, 63.3788



28.7756, 26.6445, 98.2340



16.6175, 10.3966, 61.4522



11.5813, 12.2529, 14.9983



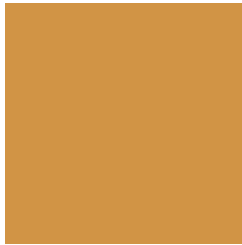
9.4998, 7.6462, 38.1677



0.6094, 0.5841, 2.1602

Previews

White Background



This preview shows how the XYZ color 37.9586, 35.1648, 10.4171 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 37.9586, 35.1648, 10.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

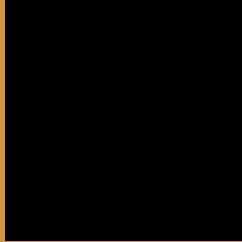
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9586, 35.1648, 10.4171

Background



This preview shows how black text looks on a background with the XYZ color 37.9586, 35.1648, 10.4171.



This preview shows how white text looks on a background with the XYZ color 37.9586, 35.1648,

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

37.9586, 35.1648, 10.4171

Protanopia

32.3076, 35.4358, 11.4403

Deuteranopia

35.9878, 35.3419, 10.3938



Tritanopia

42.7620, 35.1143, 33.3781

Trichromacy



Original Color

37.9586, 35.1648, 10.4171

Protanomaly

34.0444, 35.0636, 11.1045

Deuteranomaly

36.7386, 35.2471, 10.3359

Tritanomaly

40.5648, 34.8726, 22.6823

Monochromacy



Original Color

37.9586, 35.1648, 10.4171

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.1618, 33.8220, 24.1825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9586, 35.1648, 10.4171 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(209, 148, 69)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 69)  
}
```

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(209, 148, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 69) }
```

Border

The CSS property to change the border of an element to XYZ 37.9586, 35.1648, 10.4171 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(209, 148, 69) }
```


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

```
.border{ border-color:rgb(209, 148, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 69);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9586, 35.1648, 10.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 69) }
```

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

```
.background{ background-color: rgb(209,  
148, 69) }
```

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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