

Converting Colors

XYZ(37.5254, 34.2483, 10.4271)

Have a look what the booklet for
XYZ(37.5254, 34.2483, 10.4271)
contains.

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Color

**XYZ(37.5254, 34.2483,
10.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	D19146
RGB	209, 145, 70
RGB Percent	82%, 57%, 27%
CMY	0.1804, 0.4314, 0.7255
CMYK	0.00, 0.31, 0.67, 0.18
HSL	32°, 60%, 55%
HSV	32°, 67%, 82%
XYZ	37.5254, 34.2483, 10.4271
YIQ	155.5860, 62.2190, -9.7570

Conversions

Conversions Part 2

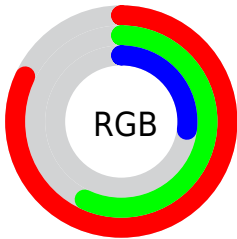
Format	Color
RYB	189, 209, 70
Decimal	13734214
CIELab	65.16, 16.98, 48.43
CIElCh	65, 51.318, 70.680
Yxy	34.2483, 0.4565, 0.4166
Android (android.graphics.Color)	4291924294 (0xFFD19146)
YUV	155.5860, -42.1939, 46.8441
Hunter-Lab	58.5220, 12.0439, 30.4015

Details

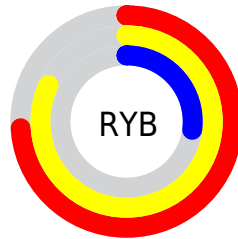
The XYZ color **37.5254, 34.2483, 10.4271** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **22.5590, 22.9546, 63.5630**, and the grayscale version is **31.5788, 33.2233, 36.1802**.

A 20% lighter version of the original color is **65.1146, 63.4873, 26.9115**, and **16.7791, 14.7121, 2.5276** is the 20% darker color. If you saturate the color by 10%, you get **35.5685, 31.2130, 7.0671**, and if you desaturate by 10%, it is **39.8380, 37.6279, 15.0386**.

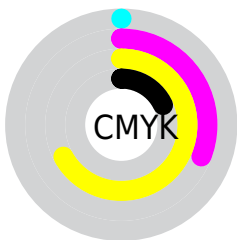
Distribution



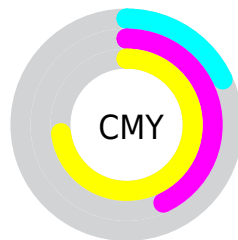
- Red (82%)
- Green (57%)
- Blue (27%)



- Red (74%)
- Yellow (82%)
- Blue (27%)



- Cyan (0%)
- Magenta (31%)
- Yellow (67%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5254, 34.2483, 10.4271 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 37.5254, 34.2483, 10.4271 by changing the saturation by 10% instead.


 37.5254, 34.2483,
10.4271


 37.5254, 34.2483,
10.4271


326.8958,
321.2378, 204.2881


 25.7901, 23.0844,
5.5738


 70.6887, 66.3196,
27.2161


 16.7985, 14.6559,
2.5231


 92.8474, 87.9958,
39.9888


 10.1854, 8.5782,
0.8524


 119.2113,
113.9449, 56.2383

 5.5852, 4.4671,
0.0000

 150.1457,
144.5513, 76.3833

 2.6328, 1.9381,
0.0000

 186.0160,
180.1994, 100.8422

 0.9627, 0.5712,
0.0000

227.1876,

 0.0000, 0.0000,

221.2736, 130.0336

0.0000

274.0257,
268.1583, 164.3761

■ 37.5254, 34.2483,
10.4271

■ 37.5254, 34.2483,
10.4271

■ 35.5685, 31.2130,
7.0671

■ 39.8380, 37.6279,
15.0386

■ 33.9368, 28.5008,
4.8239

■ 42.5283, 41.3613,
21.0135

■ 32.5958, 26.0941,
3.5284

■ 45.6189, 45.4633,
28.4534

■ 32.1747, 25.3158,
3.1907

■ 49.1297, 49.9465,
37.4495

■ 53.0792, 54.8225,
48.0856

■ 57.4846, 60.1024,
60.4394

■ 62.3620, 65.7966,
74.5836

■ 67.7268, 71.9153,
90.5868

■ 73.0902, 78.2668,
105.8625

Harmonies

Analogous

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



44.6695, 34.2483, 16.4311



37.5254, 34.2483, 10.4271



29.9687, 34.2483, 9.7578

Triad

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



37.5254, 34.2483, 10.4271



20.4063, 34.2483, 45.4221



42.8112, 34.2483, 77.8603

Complementary

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



37.5254, 34.2483, 10.4271



22.5590, 22.9546, 63.5630

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.



35.2796, 34.2483, 93.8827



37.5254, 34.2483, 10.4271



22.8517, 34.2483, 70.9359

Square

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



37.5254, 34.2483, 10.4271



20.8182, 34.2483, 25.2969



28.0386, 34.2483, 90.9528



48.0287, 34.2483, 52.5782

Rectangle

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



37.5254, 34.2483, 10.4271



25.7760, 34.2483, 11.9645



28.0386, 34.2483, 90.9528



40.4222, 34.2483, 84.8751

Sweetspot

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



37.5262, 34.2500, 10.4278



80.8607, 83.0629, 68.8977



32.8485, 19.6814, 24.9404



16.9313, 17.3141, 13.7344



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.



37.5262, 34.2500, 10.4278



54.5963, 47.0165, 9.3295



48.9083, 58.9321, 14.5920



12.3296, 12.8498, 12.4425



19.9377, 15.8085, 2.0005



1.1937, 1.0417, 0.1382

Inverse Universe

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



22.5590, 22.9546, 63.5630



29.5285, 28.1504, 98.4850



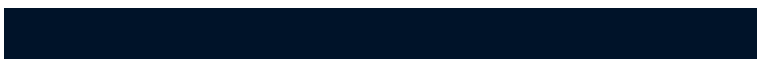
16.5721, 10.4652, 61.4678



11.6057, 12.3017, 15.0064



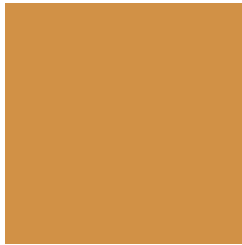
9.7838, 8.2142, 38.2623



0.6260, 0.6172, 2.1657

Previews

White Background



This preview shows how the XYZ color 37.5254, 34.2483, 10.4271 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 37.5254, 34.2483, 10.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

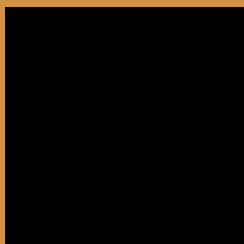
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5254, 34.2483, 10.4271

Background



This preview shows how black text looks on a background with the XYZ color 37.5254, 34.2483, 10.4271.



This preview shows how white text looks on a background with the XYZ color 37.5254, 34.2483,

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

37.5254, 34.2483, 10.4271

Protanopia

31.5387, 34.5208, 11.4795

Deuteranopia

35.1360, 34.4209, 10.2609



Tritanopia

41.9437, 34.2940, 32.0125

Trichromacy



Original Color

37.5254, 34.2483, 10.4271

Protanomaly

33.4972, 34.2836, 11.1552

Deuteranomaly

35.9090, 34.3421, 10.3663

Tritanomaly

39.8592, 34.0851, 21.9310

Monochromacy



Original Color

37.5254, 34.2483, 10.4271

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.6091, 33.0511, 24.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5254, 34.2483, 10.4271 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, 145, 70)` looks like.

```
.text, #text, p{  
    color:rgb(209, 145, 70)  
}
```

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, 145, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 145, 70) }
```

Border

The CSS property to change the border of an element to XYZ 37.5254, 34.2483, 10.4271 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, 145, 70) }
```


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

```
.border{ border-color:rgb(209, 145, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 145, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 145, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 145, 70);  
box-shadow:4px 4px 4px 4px rgb(209, 145,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5254, 34.2483, 10.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 145, 70) }
```

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

```
.background{ background-color: rgb(209,  
145, 70) }
```

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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