

Converting Colors

XYZ(37.4839, 30.5212, 10.0868)

Have a look what the booklet for
XYZ(37.4839, 30.5212, 10.0868)
contains.

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Color

**XYZ(37.3743, 30.3983,
10.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	D97F48
RGB	217, 127, 72
RGB Percent	85%, 50%, 28%
CMY	0.1490, 0.5019, 0.7176
CMYK	0.00, 0.41, 0.67, 0.15
HSL	23°, 66%, 57%
HSV	23°, 67%, 85%
XYZ	37.3743, 30.3983, 10.0285
YIQ	147.6400, 71.2950, 1.9750

Conversions

Conversions Part 2

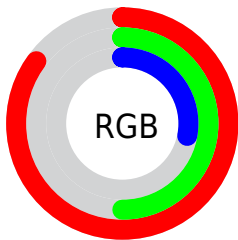
Format	Color
R _Y B	217, 161, 72
Decimal	14253896
CIE Lab	62.00, 30.12, 44.16
CIE LCh	62, 53.449, 55.702
Yxy	30.3983, 0.4804, 0.3907
Android (android.graphics.Color)	4292443976 (0xFFD97F48)
YUV	147.6400, -37.2905, 60.8287
Hunter-Lab	55.1347, 24.5147, 27.8099

Details

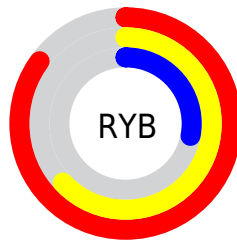
The XYZ color **37.3743, 30.3983, 10.0285** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **28.1163, 32.2263, 70.3836**, and the grayscale version is **28.1286, 29.5935, 32.2273**.

A 20% lighter version of the original color is **61.2767, 55.7129, 25.9364**, and **16.7234, 12.5418, 2.4035** is the 20% darker color. If you saturate the color by 10%, you get **35.1627, 26.9152, 6.3937**, and if you desaturate by 10%, it is **40.0696, 34.4495, 15.0571**.

Distribution



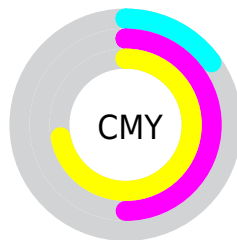
- Red (85%)
- Green (50%)
- Blue (28%)



- Red (85%)
- Yellow (63%)
- Blue (28%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (15%)





- Cyan (15%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3743, 30.3983, 10.0285 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 37.3743, 30.3983, 10.0285 by changing the saturation by 10% instead.


 37.3743, 30.3983,
10.0285


 37.3743, 30.3983,
10.0285


326.2557,
303.7566, 201.3676

 25.6724, 20.1411,
5.3120


 70.4582, 60.2915,
26.4577

 16.7101, 12.4977,
2.3695


 92.5709, 80.6963,
39.0076

 10.1221, 7.0836,
0.7698


 118.8846,
105.2524, 55.0056

 5.5429, 3.5144,
0.0000

 149.7647,
134.3442, 74.8704

 2.6071, 1.4058,
0.0000

 185.5765,
168.3562, 99.0204

 0.9496, 0.2210,
0.0000

226.6854,

 0.0000, 0.0000,

207.6726, 127.8743

0.0000

273.4566,
252.6780, 161.8505

■ 37.3743, 30.3983,
10.0285

■ 37.3743, 30.3983,
10.0285

■ 35.1627, 26.9152,
6.3937

■ 40.0696, 34.4495,
15.0571

■ 33.3958, 23.9662,
4.0025

■ 43.2788, 39.0909,
21.6053

■ 32.0289, 21.5189,
2.6636

■ 47.0318, 44.3488,
29.7864

■ 31.6564, 20.8343,
2.3530

■ 51.3551, 50.2463,
39.7024

■ 56.2735, 56.8055,
51.4469

61.8103, 64.0469,
65.1066

67.9874, 71.9905,
80.7630

74.8255, 80.6551,
98.4924

80.2999, 89.2412,
107.6008

Harmonies

Analogous

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



43.1734, 30.3983, 18.7632



37.3743, 30.3983, 10.0285



29.9377, 30.3983, 7.2808

Triad

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



37.3743, 30.3983, 10.0285



17.2144, 30.3983, 30.2283



35.2908, 30.3983, 82.9162

Complementary

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



37.3743, 30.3983, 10.0285



28.1163, 32.2263, 70.3836

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.



27.8722, 30.3983, 90.1128



37.3743, 30.3983, 10.0285



18.1695, 30.3983, 53.3349

Square

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



37.3743, 30.3983, 10.0285



18.9381, 30.3983, 15.4686



21.8024, 30.3983, 77.5797



41.8377, 30.3983, 60.6901

Rectangle

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



37.3743, 30.3983, 10.0285



25.3213, 30.3983, 7.7884



21.8024, 30.3983, 77.5797



32.7850, 30.3983, 87.4835

Sweetspot

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



37.3750, 30.3999, 10.0291



78.6195, 78.5805, 68.1506



37.6183, 22.0609, 37.3186



16.3964, 16.2443, 13.5561



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.



37.3750, 30.3999, 10.0291



49.6073, 37.0386, 7.6665



49.9027, 55.4553, 14.2050



13.4588, 13.8570, 13.6909



19.2575, 12.8006, 1.4558



1.3291, 0.9923, 0.1215

Inverse Universe

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



28.1163, 32.2263, 70.3836



35.2587, 39.6107, 100.3950



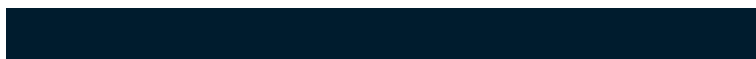
18.9667, 13.9270, 67.3337



13.0084, 13.9565, 16.6604



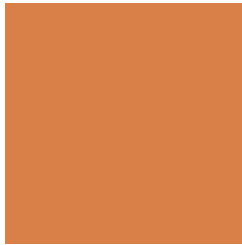
12.9043, 13.6780, 41.6984



0.9181, 1.0503, 2.7288

Previews

White Background



This preview shows how the XYZ color 37.3743, 30.3983, 10.0285 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 37.3743, 30.3983, 10.0285 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 37.3743, 30.3983, 10.0285

Background



This preview shows how black text looks on a background with the XYZ color 37.3743, 30.3983, 10.0285.



This preview shows how white text looks on a background with the XYZ color 37.3743, 30.3983,

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

37.3743, 30.3983, 10.0285

Protanopia

28.0802, 30.4989, 11.9963

Deuteranopia

31.1155, 30.5014, 9.7162



Tritanopia

40.1941, 30.2336, 24.4861

Trichromacy



Original Color

37.3743, 30.3983, 10.0285

Protanomaly

31.0201, 30.1961, 11.2147

Deuteranomaly

33.0458, 30.1913, 9.7160

Tritanomaly

39.0032, 30.3087, 17.9818

Monochromacy



Original Color

37.3743, 30.3983, 10.0285

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.0018, 28.9965, 21.7849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3743, 30.3983, 10.0285 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(217, 127, 72)` looks like.

```
.text, #text, p{  
    color:rgb(217, 127, 72)  
}
```

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(217, 127, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 127, 72) }
```

Border

The CSS property to change the border of an element to XYZ 37.3743, 30.3983, 10.0285 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(217, 127, 72) }
```


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

```
.border{ border-color:rgb(217, 127, 72) }
```

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

Here you see how a box with a 4 pixel rgb(217, 127, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 127, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 127, 72);  
box-shadow:4px 4px 4px 4px rgb(217, 127,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3743, 30.3983, 10.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 127, 72) }
```

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

```
.background{ background-color: rgb(217,  
127, 72) }
```

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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