

Converting Colors

XYZ(38.4839, 28.9444, 14.2264)

Have a look what the booklet for
XYZ(38.4839, 28.9444, 14.2264)
contains.

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Color

**XYZ(38.3900, 28.8285,
14.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	DE745E
RGB	222, 116, 94
RGB Percent	87%, 45%, 37%
CMY	0.1294, 0.5451, 0.6314
CMYK	0.00, 0.48, 0.58, 0.13
HSL	10°, 66%, 62%
HSV	10°, 58%, 87%
XYZ	38.3900, 28.8285, 14.1308
YIQ	145.1860, 70.2380, 15.6300

Conversions

Conversions Part 2

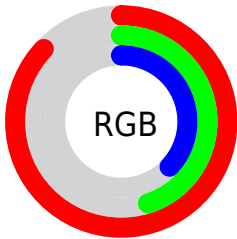
Format	Color
R_{YB}	222, 121, 94
Decimal	14578782
CIE _{Lab}	60.63, 39.30, 30.86
CIE _{LCh}	61, 49.967, 38.145
Yxy	28.8285, 0.4719, 0.3544
Android (android.graphics.Color)	4292768862 (0xFFDE745E)
YUV	145.1860, -25.2347, 67.3659
Hunter-Lab	53.6922, 33.6665, 21.9805

Details

The XYZ color **38.3900, 28.8285, 14.1308** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **38.4540, 48.9596, 76.5304**, and the grayscale version is **27.0695, 28.4792, 31.0139**.

A 20% lighter version of the original color is **60.7256, 52.0538, 33.6349**, and **17.3037, 11.6672, 4.0293** is the 20% darker color. If you saturate the color by 10%, you get **35.6198, 24.6598, 8.9794**, and if you desaturate by 10%, it is **41.8673, 33.9534, 20.9315**.

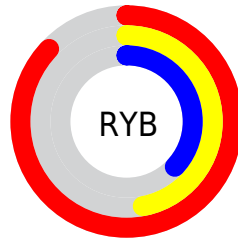
Distribution



Red (87%)

Green (45%)

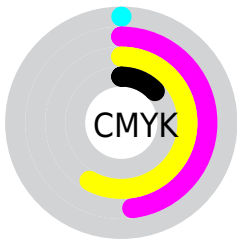
Blue (37%)



Red (87%)

Yellow (47%)

Blue (37%)

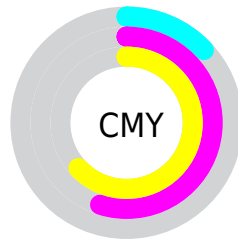


Cyan (0%)

Magenta (48%)

Yellow (58%)

Black (13%)



Cyan (13%)


Magenta (55%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3900, 28.8285, 14.1308 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 38.3900, 28.8285, 14.1308 by changing the saturation by 10% instead.


 38.3900, 28.8285,
14.1308


 38.3900, 28.8285,
14.1308

330.5420,
296.4049, 229.4997

 26.4641, 18.9511,
8.0719


 72.0056, 57.8045,
34.0414


 17.3057, 11.6350,
4.0526

 94.4259, 77.6719,
48.7302

 10.5493, 6.4956,
1.6542


 121.0752,
101.6381, 67.1327

 5.8297, 3.1487,
0.3291

 152.3187,
130.0875, 89.6674

 2.7815, 1.2099,
0.0000

188.5218,
163.4045, 116.7529

 1.0393, 0.0697,
0.0000

230.0498,

 0.0000, 0.0000,

201.9735, 148.8078

0.0000

277.2681,
246.1788, 186.2505

■ 38.3900, 28.8285,
14.1308

■ 38.3900, 28.8285,
14.1308

■ 35.6198, 24.6598,
8.9794

■ 41.8673, 33.9534,
20.9315

■ 33.5046, 21.3830,
5.3342

■ 46.0948, 40.0845,
29.5050

■ 31.9877, 18.9327,
3.0299

■ 51.1145, 47.2738,
39.9648

■ 30.9974, 17.2306,
1.8415

■ 56.9647, 55.5682,
52.4147

■ 30.8225, 16.9264,
1.6426

■ 63.6809, 65.0118,
66.9505

■ 71.2969, 75.6465,
83.6621

■ 79.8444, 87.5117,
102.6341

■ 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



41.6458, 28.8285, 26.6094



38.3900, 28.8285, 14.1308



32.2954, 28.8285, 8.5802

Triad

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



38.3900, 28.8285, 14.1308



17.4038, 28.8285, 19.9106



29.2004, 28.8285, 81.4891

Complementary

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



38.3900, 28.8285, 14.1308



38.4540, 48.9596, 76.5304

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.



23.0272, 28.8285, 77.4029



38.3900, 28.8285, 14.1308



16.8422, 28.8285, 36.7100

Square

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



38.3900, 28.8285, 14.1308



20.4153, 28.8285, 10.8856



18.7383, 28.8285, 58.9242



35.8212, 28.8285, 68.5542

Rectangle

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



38.3900, 28.8285, 14.1308



27.8052, 28.8285, 7.5538



18.7383, 28.8285, 58.9242



27.0000, 28.8285, 82.1340

Sweetspot

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



38.3907, 28.8300, 14.1313



78.4379, 76.7124, 72.7290



44.6304, 27.7366, 58.0544



16.4190, 15.8972, 14.7735



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.



38.3907, 28.8300, 14.1313



48.1537, 32.8264, 11.2048



48.3316, 48.7118, 17.4449



13.8967, 14.0795, 14.2920



18.3638, 10.1655, 0.9943



1.3307, 0.8202, 0.0882

Inverse Universe

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



38.4540, 48.9596, 76.5304



48.1365, 62.6003, 104.1537



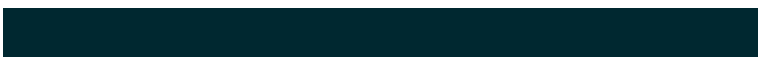
26.6995, 25.4506, 72.6123



13.9056, 15.1503, 17.5791



18.0644, 23.5983, 44.6512



1.3057, 1.7429, 3.1128

Previews

White Background



This preview shows how the XYZ color 38.3900, 28.8285, 14.1308 looks on a white background.

Color Contrast Check

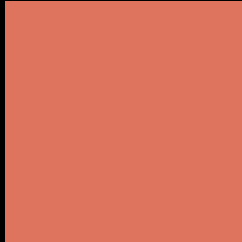
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3900, 28.8285, 14.1308 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 × Fail

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

XYZ 38.3900, 28.8285, 14.1308

Background



This preview shows how black text looks on a background with the XYZ color 38.3900, 28.8285, 14.1308.



This preview shows how white text looks on a background with the XYZ color 38.3900, 28.8285,

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

38.3900, 28.8285, 14.1308

Protanopia

27.1358, 29.1771, 17.8372

Deuteranopia

29.5414, 28.9424, 13.4806



Tritanopia

39.9248, 28.7917, 21.2224

Trichromacy



Original Color

38.3900, 28.8285, 14.1308

Protanomaly

30.2585, 28.3914, 16.4557

Deuteranomaly

32.2528, 28.4573, 13.6904

Tritanomaly

39.2058, 28.6459, 18.5018

Monochromacy



Original Color

38.3900, 28.8285, 14.1308

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.5246, 27.4408, 23.4792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3900, 28.8285, 14.1308 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(222, 116, 94)` looks like.

```
.text, #text, p{  
    color:rgb(222, 116, 94)  
}
```

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(222, 116, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 116, 94) }
```

Border

The CSS property to change the border of an element to XYZ 38.3900, 28.8285, 14.1308 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(222, 116, 94) }
```


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

```
.border{ border-color:rgb(222, 116, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 116, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 116, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 116, 94);  
box-shadow:4px 4px 4px 4px rgb(222, 116,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3900, 28.8285, 14.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 116, 94) }
```

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

```
.background{ background-color: rgb(222,  
116, 94) }
```

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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