

Converting Colors

XYZ(38.0634, 29.6553, 14.2099)

Have a look what the booklet for
XYZ(38.0634, 29.6553, 14.2099)
contains.

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Color

**XYZ(38.1933, 29.7873,
14.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7A5E
RGB	219, 122, 94
RGB Percent	86%, 48%, 37%
CMY	0.1412, 0.5215, 0.6314
CMYK	0.00, 0.44, 0.57, 0.14
HSL	13°, 63%, 61%
HSV	13°, 57%, 86%
XYZ	38.1933, 29.7873, 14.3262
YIQ	147.8110, 66.8000, 11.8560

Conversions

Conversions Part 2

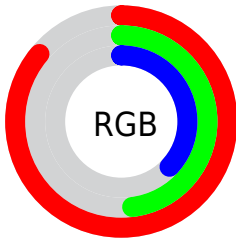
Format	Color
RYB	219, 130, 94
Decimal	14383710
CIELab	61.47, 35.04, 31.85
CIELCh	61, 47.351, 42.264
Yxy	29.7873, 0.4640, 0.3619
Android (android.graphics.Color)	4292573790 (0xFFDB7A5E)
YUV	147.8110, -26.5288, 62.4328
Hunter-Lab	54.5777, 29.4026, 22.6413

Details

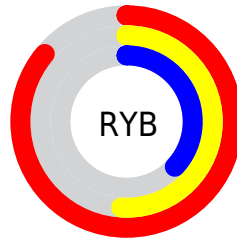
The XYZ color **38.1933, 29.7873, 14.3262** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **36.0318, 44.7532, 73.7566**, and the grayscale version is **28.1579, 29.6243, 32.2609**.

A 20% lighter version of the original color is **61.8762, 54.3550, 34.0184**, and **17.2635, 12.1853, 4.1314** is the 20% darker color. If you saturate the color by 10%, you get **35.4392, 25.6350, 9.2284**, and if you desaturate by 10%, it is **41.5925, 34.7839, 21.0147**.

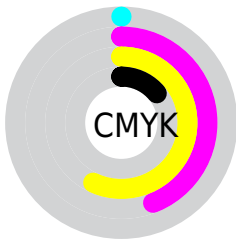
Distribution



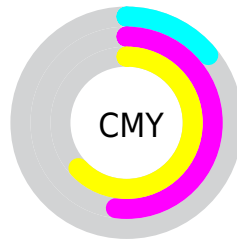
- Red (86%)
- Green (48%)
- Blue (37%)



- Red (86%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (44%)
- Yellow (57%)
- Black (14%)





- Cyan (14%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1933, 29.7873, 14.3262 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 38.1933, 29.7873, 14.3262 by changing the saturation by 10% instead.


 38.1933, 29.7873,
14.3262


 38.1933, 29.7873,
14.3262


329.7150,
300.9118, 230.7494

 26.3106, 19.6772,
8.2066


 71.7063, 59.3256,
34.3921

 17.1901, 12.1606,
4.1377


 94.0674, 79.5227,
49.1755

 10.4662, 6.8532,
1.7012


 120.6520,
103.8508, 67.6839

 5.7738, 3.3704,
0.3616

 151.8254,
132.6944, 90.3357

 2.7474, 1.3281,
0.0000

187.9531,
166.4379, 117.5497

 1.0216, 0.1628,
0.0000

229.4003,

 0.0000, 0.0000,

205.4657, 149.7442

0.0000

276.5325,
250.1622, 187.3380

■ 38.1933, 29.7873,
14.3262

■ 38.1933, 29.7873,
14.3262

■ 35.4392, 25.6350,
9.2284

■ 41.5925, 34.7839,
21.0147

■ 33.2847, 22.2747,
5.5856

■ 45.6736, 40.6639,
29.4110

■ 31.6814, 19.6551,
3.2416

■ 50.4733, 47.4696,
39.6231

■ 30.5690, 17.7154,
1.9921

■ 56.0247, 55.2391,
51.7495

■ 30.3143, 17.2621,
1.7342

■ 62.3589, 64.0084,
65.8816

■ 69.5053, 73.8115,
82.1049

■ 77.4917, 84.6809,
100.5001

■ 83.0232, 93.8000,
108.3372

Harmonies

Analogous

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



41.7874, 29.7873, 25.6441



38.1933, 29.7873, 14.3262



32.1417, 29.7873, 9.4241

Triad

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



38.1933, 29.7873, 14.3262



18.3199, 29.7873, 23.0195



30.9482, 29.7873, 79.1643

Complementary

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



38.1933, 29.7873, 14.3262



36.0318, 44.7532, 73.7566

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.



24.7992, 29.7873, 77.6294



38.1933, 29.7873, 14.3262



18.0982, 29.7873, 40.3261

Square

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



38.1933, 29.7873, 14.3262



20.9596, 29.7873, 13.0178



20.3013, 29.7873, 61.6026



37.2093, 29.7873, 65.2430

Rectangle

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



38.1933, 29.7873, 14.3262



27.8388, 29.7873, 8.7342



20.3013, 29.7873, 61.6026



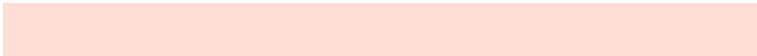
28.7904, 29.7873, 80.5506

Sweetspot

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



38.1940, 29.7888, 14.3267



79.0318, 77.9003, 72.9270



42.7212, 26.8677, 52.7550



16.5577, 16.1745, 14.8197



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.



38.1940, 29.7888, 14.3267



49.5185, 35.4045, 12.1269



48.2877, 49.9762, 17.6913



13.2915, 13.5223, 13.6351



18.0428, 10.3711, 1.0509



1.2338, 0.8018, 0.0897

Inverse Universe

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



36.0318, 44.7532, 73.7566



46.0894, 58.1848, 103.4094



25.3077, 23.3049, 70.1818



13.1846, 14.3089, 16.7191



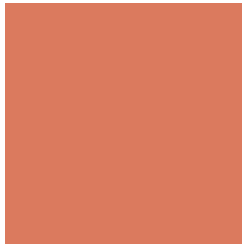
16.1830, 20.2354, 42.7913



1.1105, 1.4351, 2.7929

Previews

White Background



This preview shows how the XYZ color 38.1933, 29.7873, 14.3262 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 38.1933, 29.7873, 14.3262 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 38.1933, 29.7873, 14.3262

Background



This preview shows how black text looks on a background with the XYZ color 38.1933, 29.7873, 14.3262.



This preview shows how white text looks on a background with the XYZ color 38.1933, 29.7873,

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

38.1933, 29.7873, 14.3262

Protanopia

27.9952, 30.0919, 17.6974

Deuteranopia

30.3409, 29.7875, 13.8233



Tritanopia

40.0631, 29.8354, 23.3859

Trichromacy



Original Color

38.1933, 29.7873, 14.3262

Protanomaly

30.8730, 29.3499, 16.3498

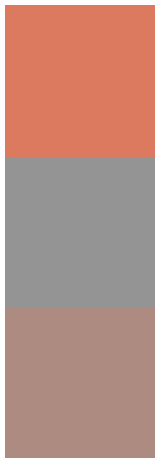
Deuteranomaly

32.8004, 29.5526, 13.8730

Tritanomaly

39.1493, 29.6242, 19.5742

Monochromacy



Original Color

38.1933, 29.7873, 14.3262

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.5845, 29.0224, 24.4120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1933, 29.7873, 14.3262 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(219, 122, 94)` looks like.

```
.text, #text, p{  
    color:rgb(219, 122, 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(219, 122, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 122, 94) }
```

Border

The CSS property to change the border of an element to XYZ 38.1933, 29.7873, 14.3262 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(219, 122, 94) }
```


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

```
.border{ border-color:rgb(219, 122, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 122, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 122, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 122, 94);  
box-shadow:4px 4px 4px 4px rgb(219, 122,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1933, 29.7873, 14.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 122, 94) }
```

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

```
.background{ background-color: rgb(219,  
122, 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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