

Converting Colors

XYZ(38.0725, 31.2386, 14.8495)

Have a look what the booklet for
XYZ(38.0725, 31.2386, 14.8495)
contains.

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Color

**XYZ(38.0725, 31.2386,
14.8495)**

Conversions

Conversions Part 1

Format	Color
Hex	D7825F
RGB	215, 130, 95
RGB Percent	84%, 51%, 37%
CMY	0.1569, 0.4902, 0.6274
CMYK	0.00, 0.40, 0.56, 0.16
HSL	18°, 60%, 61%
HSV	18°, 56%, 84%
XYZ	38.0725, 31.2386, 14.8495
YIQ	151.4250, 61.8950, 7.1350

Conversions

Conversions Part 2

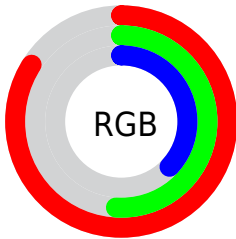
Format	Color
R_{YB}	215, 144, 95
Decimal	14123615
CIE _{Lab}	62.71, 29.32, 32.76
CIE _{LCh}	63, 43.960, 48.174
Yxy	31.2386, 0.4524, 0.3712
Android (android.graphics.Color)	4292313695 (0xFFD7825F)
YUV	151.4250, -27.8175, 55.7553
Hunter-Lab	55.8915, 23.7815, 23.3716

Details

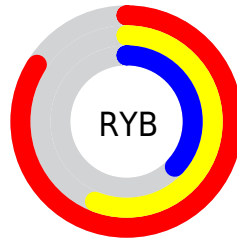
The XYZ color **38.0725, 31.2386, 14.8495** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **33.3052, 39.9795, 70.2510**, and the grayscale version is **29.6955, 31.2419, 34.0225**.

A 20% lighter version of the original color is **63.5688, 57.6163, 34.9647**, and **17.0398, 12.8733, 4.3830** is the 20% darker color. If you saturate the color by 10%, you get **35.3489, 27.1457, 9.7674**, and if you desaturate by 10%, it is **41.3671, 36.0422, 21.4529**.

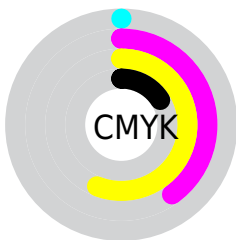
Distribution



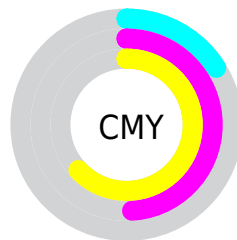
- Red (84%)
- Green (51%)
- Blue (37%)



- Red (84%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (56%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0725, 31.2386, 14.8495 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 38.0725, 31.2386, 14.8495 by changing the saturation by 10% instead.


 38.0725, 31.2386,
14.8495


 38.0725, 31.2386,
14.8495


329.2064,
307.6360, 234.0628


 26.2164, 20.7806,
8.5684


 71.5224, 61.6155,
35.3275


 17.1192, 12.9637,
4.3678


 93.8470, 82.3033,
50.3615

 10.4153, 7.4036,
1.8292


 120.3918,
107.1697, 69.1501

 5.7396, 3.7157,
0.4471

 151.5221,
136.5992, 92.1120

 2.7265, 1.5159,
0.0000

187.6034,
170.9762, 119.6657

 1.0108, 0.2999,
0.0000

229.0010,

 0.0000, 0.0000,

210.6851, 152.2297

0.0000

276.0802,
256.1102, 190.2225

■ 38.0725, 31.2386,
14.8495

■ 38.0725, 31.2386,
14.8495

■ 35.3489, 27.1457,
9.7674

■ 41.3671, 36.0422,
21.4529

■ 33.1582, 23.7232,
6.0804

■ 45.2628, 41.5843,
29.6862

■ 31.4603, 20.9341,
3.6447

■ 49.7905, 47.8972,
39.6502

■ 30.2074, 18.7345,
2.2825

■ 54.9779, 55.0095,
51.4369

■ 29.7861, 17.9709,
1.8988

■ 60.8510, 62.9484,
65.1318

■ 67.4344, 71.7401,
80.8148

■ 74.7516, 81.4091,
98.5614

■ 80.8316, 91.1819,
107.9473

■ 81.8341, 93.1870,
108.2815

Harmonies

Analogous

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



42.0628, 31.2386, 24.7104



38.0725, 31.2386, 14.8495



32.1202, 31.2386, 10.8342

Triad

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



38.0725, 31.2386, 14.8495



19.7667, 31.2386, 27.6789



33.4386, 31.2386, 76.0769

Complementary

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



38.0725, 31.2386, 14.8495



33.3052, 39.9795, 70.2510

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.



27.3882, 31.2386, 77.7085



38.0725, 31.2386, 14.8495



20.0200, 31.2386, 45.3999

Square

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



38.0725, 31.2386, 14.8495



21.8945, 31.2386, 16.3892



22.6404, 31.2386, 65.0689



39.1490, 31.2386, 61.1617

Rectangle

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



38.0725, 31.2386, 14.8495



28.0805, 31.2386, 10.6645



22.6404, 31.2386, 65.0689



31.3627, 31.2386, 78.3449

Sweetspot

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



38.0733, 31.2402, 14.8501



79.8148, 79.4663, 73.1880



40.4570, 25.9678, 46.5960



16.7409, 16.5409, 14.8808



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.



38.0733, 31.2402, 14.8501



51.3697, 38.9497, 13.2289



48.2873, 51.6683, 18.2548



12.7155, 13.0052, 13.0008



17.8957, 10.9086, 1.1624



1.1504, 0.8001, 0.0938

Inverse Universe

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



33.3052, 39.9795, 70.2510



43.5894, 52.8514, 102.5117



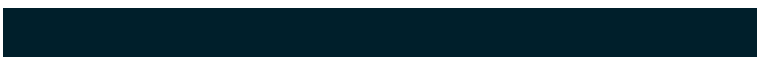
23.8226, 21.0142, 67.0901



12.4720, 13.4674, 15.8796



14.1751, 16.6119, 40.9125



0.9248, 1.1416, 2.4909

Previews

White Background



This preview shows how the XYZ color 38.0725, 31.2386, 14.8495 looks on a white background.

Color Contrast Check

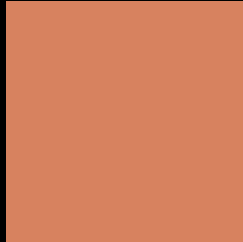
Large Text (above 18pt) WCAG AA × Fail

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 38.0725, 31.2386, 14.8495 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 38.0725, 31.2386, 14.8495

Background



This preview shows how black text looks on a background with the XYZ color 38.0725, 31.2386, 14.8495.



This preview shows how white text looks on a background with the XYZ color 38.0725, 31.2386,

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

38.0725, 31.2386, 14.8495

Protanopia

29.2440, 31.4553, 17.6269

Deuteranopia

31.8243, 31.2139, 14.4728



Tritanopia

40.5501, 31.2939, 26.4574

Trichromacy



Original Color

38.0725, 31.2386, 14.8495

Protanomaly

31.8507, 30.9534, 16.6078

Deuteranomaly

33.8595, 31.1486, 14.5836

Tritanomaly

39.5948, 31.2865, 21.7213

Monochromacy



Original Color

38.0725, 31.2386, 14.8495

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.3748, 30.2823, 25.6642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0725, 31.2386, 14.8495 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(215, 130, 95)` looks like.

```
.text, #text, p{  
    color:rgb(215, 130, 95)  
}
```

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(215, 130, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 130, 95) }
```

Border

The CSS property to change the border of an element to XYZ 38.0725, 31.2386, 14.8495 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(215, 130, 95) }
```


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

```
.border{ border-color:rgb(215, 130, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 130, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 130, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 130, 95);  
box-shadow:4px 4px 4px 4px rgb(215, 130,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0725, 31.2386, 14.8495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 130, 95) }
```

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

```
.background{ background-color: rgb(215,  
130, 95) }
```

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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