

Converting Colors

XYZ(38.1598, 31.1407, 14.9486)

Have a look what the booklet for
XYZ(38.1598, 31.1407, 14.9486)
contains.

| | |
|--|----|
| XYZ(38.2805, 31.1440, 15.0601) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(38.2805, 31.1440,
15.0601)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D88160 |
| RGB | 216, 129, 96 |
| RGB Percent | 85%, 51%, 38% |
| CMY | 0.1529, 0.4941, 0.6235 |
| CMYK | 0.00, 0.40, 0.56, 0.15 |
| HSL | 17°, 61%, 61% |
| HSV | 17°, 56%, 85% |
| XYZ | 38.2805, 31.1440, 15.0601 |
| YIQ | 151.2510, 62.4450, 8.1810 |

Conversions

Conversions Part 2

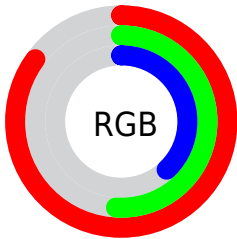
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 216, 142, 96 |
| Decimal | 14188896 |
| CIE Lab | 62.63, 30.33, 32.14 |
| CIE LCh | 63, 44.187, 46.657 |
| Yxy | 31.1440, 0.4531, 0.3686 |
| Android (android.graphics.Color) | 4292378976 (0xFFD88160) |
| YUV | 151.2510, -27.2387, 56.7849 |
| Hunter-Lab | 55.8068, 24.7796, 23.0647 |

Details

The XYZ color **38.2805, 31.1440, 15.0601** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **34.1510, 41.3094, 71.1391**, and the grayscale version is **29.6181, 31.1605, 33.9338**.

A 20% lighter version of the original color is **63.4399, 57.2336, 35.3073**, and **17.1834, 12.8386, 4.4782** is the 20% darker color. If you saturate the color by 10%, you get **35.5123, 26.9866, 9.8869**, and if you desaturate by 10%, it is **41.6395, 36.0461, 21.7785**.

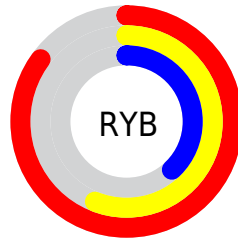
Distribution



Red (85%)

Green (51%)

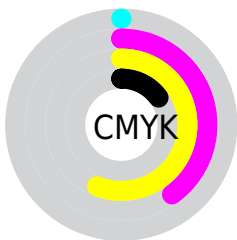
Blue (38%)



Red (85%)

Yellow (56%)

Blue (38%)

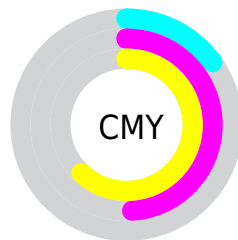


Cyan (0%)

Magenta (40%)

Yellow (56%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2805, 31.1440, 15.0601 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 38.2805, 31.1440, 15.0601 by changing the saturation by 10% instead.


 38.2805, 31.1440,
15.0601


 38.2805, 31.1440,
15.0601


330.0818,
307.2012, 235.3830

 26.3787, 20.7085,
8.7145


 71.8390, 61.4667,
35.7024

 17.2413, 12.9111,
4.4612


 94.2264, 82.1227,
50.8361

 10.5031, 7.3674,
1.8816


 120.8396,
106.9544, 69.7363

 5.7986, 3.6929,
0.4810

 152.0442,
136.3461, 92.8215

 2.7625, 1.5033,
0.0000

188.2053,
170.6823, 120.5102

 1.0294, 0.2910,
0.0000

229.6884,

 0.0000, 0.0000,

210.3472, 153.2210

0.0000

276.8587,
255.7254, 191.3724

■ 38.2805, 31.1440,
15.0601

■ 38.2805, 31.1440,
15.0601

■ 35.5123, 26.9866,
9.8869

■ 41.6395, 36.0461,
21.7785

■ 33.2954, 23.5312,
6.1314

■ 45.6208, 41.7230,
30.1521

■ 31.5883, 20.7379,
3.6482

■ 50.2563, 48.2092,
40.2828

■ 30.3413, 18.5598,
2.2589

■ 55.5750, 55.5352,
52.2638

■ 29.9039, 17.7691,
1.8537

■ 61.6039, 63.7303,
66.1817

■ 68.3686, 72.8220,
82.1174

■ 75.8934, 82.8369,
100.1475

■ 81.8989, 92.8792,
108.2187

■ 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



42.1368, 31.1440, 25.2660



38.2805, 31.1440, 15.0601



32.3545, 31.1440, 10.7974

Triad

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



38.2805, 31.1440, 15.0601



19.7046, 31.1440, 26.8195



33.0459, 31.1440, 76.6302

Complementary

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



38.2805, 31.1440, 15.0601



34.1510, 41.3094, 71.1391

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.



27.0091, 31.1440, 77.4883



38.2805, 31.1440, 15.0601



19.8370, 31.1440, 44.3312

Square

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



38.2805, 31.1440, 15.0601



21.9543, 31.1440, 15.8635



22.3446, 31.1440, 64.1938



38.8454, 31.1440, 62.1405

Rectangle

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



38.2805, 31.1440, 15.0601



28.2793, 31.1440, 10.4873



22.3446, 31.1440, 64.1938



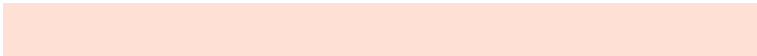
30.9641, 31.1440, 78.6590

Sweetspot

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



38.2813, 31.1456, 15.0607



79.6206, 79.0780, 73.1232



41.1535, 26.4255, 48.2790



16.6954, 16.4500, 14.8656



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.



38.2813, 31.1456, 15.0607



50.9814, 38.1731, 13.0995



48.4134, 51.4099, 18.4381



12.6985, 12.9712, 12.9951



17.7781, 10.6734, 1.1232



1.1415, 0.7823, 0.0908

Inverse Universe

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



34.1510, 41.3094, 71.1391



44.2775, 54.2276, 102.7410



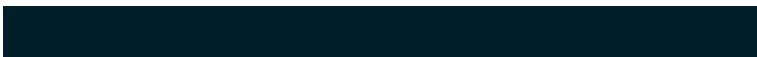
24.4264, 21.8602, 67.8975



12.4900, 13.5034, 15.8856



14.5263, 17.3144, 41.0296



0.9437, 1.1794, 2.4972

Previews

White Background



This preview shows how the XYZ color 38.2805, 31.1440, 15.0601 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 38.2805, 31.1440, 15.0601 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 38.2805, 31.1440, 15.0601

Background



This preview shows how black text looks on a background with the XYZ color 38.2805, 31.1440, 15.0601.



This preview shows how white text looks on a background with the XYZ color 38.2805, 31.1440,

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

38.2805, 31.1440, 15.0601

Protanopia

29.0879, 31.3689, 17.8863

Deuteranopia

31.8683, 31.2315, 14.7046



Tritanopia

40.6547, 31.1688, 26.0637

Trichromacy



Original Color

38.2805, 31.1440, 15.0601

Protanomaly

31.9000, 30.9731, 16.8675

Deuteranomaly

34.0179, 31.0092, 14.7821

Tritanomaly

39.7645, 31.1832, 21.6924

Monochromacy



Original Color

38.2805, 31.1440, 15.0601

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.5984, 30.3976, 25.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2805, 31.1440, 15.0601 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(216, 129, 96)` looks like.

```
.text, #text, p{  
    color:rgb(216, 129, 96)  
}
```

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(216, 129, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 129, 96) }
```

Border

The CSS property to change the border of an element to XYZ 38.2805, 31.1440, 15.0601 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(216, 129, 96) }
```


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

```
.border{ border-color:rgb(216, 129, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 129, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 129, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 129, 96);  
box-shadow:4px 4px 4px 4px rgb(216, 129,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2805, 31.1440, 15.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 129, 96) }
```

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

```
.background{ background-color: rgb(216,  
129, 96) }
```

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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