

Converting Colors

XYZ(38.9277, 28.9221, 15.8427)

Have a look what the booklet for
XYZ(38.9277, 28.9221, 15.8427)
contains.

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Color

**XYZ(38.9111, 28.8890,
15.8372)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7365
RGB	223, 115, 101
RGB Percent	87%, 45%, 40%
CMY	0.1255, 0.5490, 0.6039
CMYK	0.00, 0.48, 0.55, 0.13
HSL	7°, 66%, 64%
HSV	7°, 55%, 87%
XYZ	38.9111, 28.8890, 15.8372
YIQ	145.6960, 68.8620, 18.5420

Conversions

Conversions Part 2

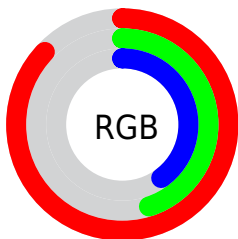
Format	Color
R_{YB}	223, 117, 101
Decimal	14644069
CIE _{Lab}	60.68, 40.73, 27.03
CIE _{LCh}	61, 48.885, 33.572
Yxy	28.8890, 0.4652, 0.3454
Android (android.graphics.Color)	4292834149 (0xFFDF7365)
YUV	145.6960, -22.0351, 67.7956
Hunter-Lab	53.7485, 35.1648, 20.1539

Details

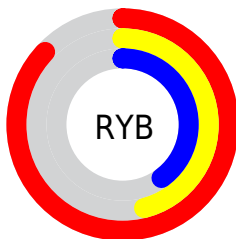
The XYZ color **38.9111, 28.8890, 15.8372** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.4851, 53.6923, 77.9889**, and the grayscale version is **27.2655, 28.6855, 31.2385**.

A 20% lighter version of the original color is **61.0955, 51.9029, 36.5039**, and **17.5476, 11.6079, 4.8057** is the 20% darker color. If you saturate the color by 10%, you get **35.9480, 24.4807, 10.1708**, and if you desaturate by 10%, it is **42.6540, 34.3828, 23.2263**.

Distribution



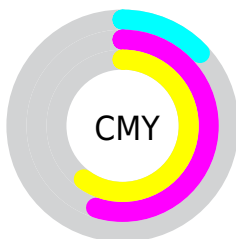
- Red (87%)
- Green (45%)
- Blue (40%)



- Red (87%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (55%)
- Black (13%)





- Cyan (13%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9111, 28.8890, 15.8372 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 38.9111, 28.8890, 15.8372 by changing the saturation by 10% instead.


 38.9111, 28.8890,
15.8372


 38.9111, 28.8890,
15.8372


332.7261,
296.6909, 240.1920


 26.8710, 18.9969,
9.2559


 72.7974, 57.9007,
37.0782

 17.6124, 11.6680,
4.8094


 95.3744, 77.7890,
52.5750

 10.7701, 6.5180,
2.0791


 122.1943,
101.7782, 71.8807

 5.9786, 3.1626,
0.6033

 153.6225,
130.2527, 95.4139

 2.8726, 1.2172,
0.0000

190.0245,
163.5968, 123.5930

 1.0868, 0.0757,
0.0000

231.7655,

 0.0140, 0.0000,

202.1949, 156.8368

0.0000

279.2109,
246.4315, 195.5636

■ 0.0000, 0.0000,
0.0000

■ 38.9111, 28.8890,
15.8372

■ 38.9111, 28.8890,
15.8372

■ 35.9480, 24.4807,
10.1708

■ 42.6540, 34.3828,
23.2263

■ 33.7069, 21.0813,
6.0856

■ 47.2247, 41.0229,
32.4608

■ 32.1254, 18.6117,
3.4203

■ 52.6698, 48.8710,
43.6544

■ 31.1287, 16.9786,
1.9780

■ 59.0318, 57.9829,
56.9109

■ 30.7919, 16.4091,
1.5444

■ 66.3505, 68.4112,
72.3267

■ 74.6632, 80.2052,
89.9924

■ 83.6652, 93.2758,
108.2021

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



41.5005, 28.8890, 29.3313



38.9111, 28.8890, 15.8372



33.2452, 28.8890, 9.4140

Triad

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



38.9111, 28.8890, 15.8372



17.9295, 28.8890, 18.3414



28.2241, 28.8890, 80.7098

Complementary

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



38.9111, 28.8890, 15.8372



41.4851, 53.6923, 77.9889

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.



22.3849, 28.8890, 74.1867



38.9111, 28.8890, 15.8372



17.0054, 28.8890, 33.6793

Square

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



38.9111, 28.8890, 15.8372



21.2572, 28.8890, 10.4204



18.5068, 28.8890, 54.9629



34.7610, 28.8890, 70.4017

Rectangle

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



38.9111, 28.8890, 15.8372



28.8448, 28.8890, 7.9624



18.5068, 28.8890, 54.9629



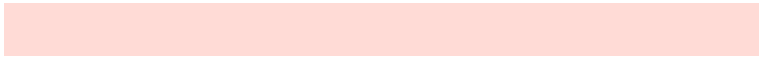
26.1166, 28.8890, 80.4260

Sweetspot

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



38.9118, 28.8905, 15.8377



78.7044, 76.7278, 74.4141



46.8178, 29.6886, 64.7593



16.4489, 15.8550, 15.0978



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.



38.9118, 28.8905, 15.8377



48.1043, 32.2557, 12.6433



47.9550, 46.9770, 18.8521



13.8333, 13.9526, 14.2708



18.1469, 9.7317, 0.9220



1.3006, 0.7601, 0.0782

Inverse Universe

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



41.4851, 53.6923, 77.9889



51.8555, 69.0379, 105.2003



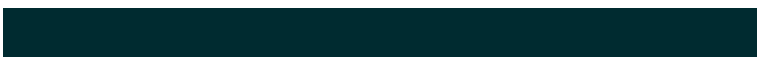
29.5607, 29.8435, 74.0141



13.9752, 15.2895, 17.6023



19.6782, 26.8259, 45.1891



1.4026, 1.9367, 3.1451

Previews

White Background



This preview shows how the XYZ color 38.9111, 28.8890, 15.8372 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 38.9111, 28.8890, 15.8372 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 38.9111, 28.8890, 15.8372

Background



This preview shows how black text looks on a background with the XYZ color 38.9111, 28.8890, 15.8372.



This preview shows how white text looks on a background with the XYZ color 38.9111, 28.8890,

15.8372.

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

38.9111, 28.8890, 15.8372

Protanopia

27.2385, 29.1732, 20.4150

Deuteranopia

29.3939, 28.8308, 15.0820



Tritanopia

39.9248, 28.7917, 21.2224

Trichromacy



Original Color

38.9111, 28.8890, 15.8372

Protanomaly

30.3008, 28.1570, 18.5897

Deuteranomaly

32.3132, 28.4519, 15.3439

Tritanomaly

39.6262, 28.8498, 19.1028

Monochromacy



Original Color

38.9111, 28.8890, 15.8372

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.1488, 27.9383, 24.9227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9111, 28.8890, 15.8372 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(223, 115, 101)` looks like.

```
.text, #text, p{  
    color:rgb(223, 115, 101)  
}
```

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(223, 115, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 115, 101) }
```

Border

The CSS property to change the border of an element to XYZ 38.9111, 28.8890, 15.8372 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(223, 115, 101) }
```


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

```
.border{ border-color:rgb(223, 115, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 115, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 115, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 115, 101);  
box-shadow:4px 4px 4px 4px rgb(223, 115,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9111, 28.8890, 15.8372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 115, 101) }
```

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

```
.background{ background-color: rgb(223,  
115, 101) }
```

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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