

Converting Colors

XYZ(41.4295, 37.7988, 15.0098)

Have a look what the booklet for
XYZ(41.4295, 37.7988, 15.0098)
contains.

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Color

**XYZ(41.4355, 37.8107,
15.0118)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D8985B |
| RGB | 216, 152, 91 |
| RGB Percent | 85%, 60%, 36% |
| CMY | 0.1529, 0.4039, 0.6431 |
| CMYK | 0.00, 0.30, 0.58, 0.15 |
| HSL | 29°, 62%, 60% |
| HSV | 29°, 58%, 85% |
| XYZ | 41.4355, 37.8107, 15.0118 |
| YIQ | 164.1820, 57.7250, -5.4030 |

Conversions

Conversions Part 2

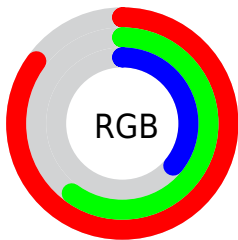
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 216, 210, 91 |
| Decimal | 14194779 |
| CIE Lab | 67.88, 17.57, 41.30 |
| CIE LCh | 68, 44.883, 66.956 |
| Yxy | 37.8107, 0.4396, 0.4011 |
| Android (android.graphics.Color) | 4292384859 (0xFFD8985B) |
| YUV | 164.1820, -36.0787, 45.4444 |
| Hunter-Lab | 61.4904, 12.6746, 28.5687 |

Details

The XYZ color **41.4355, 37.8107, 15.0118** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **28.4298, 30.6234, 69.3781**, and the grayscale version is **35.5213, 37.3712, 40.6973**.

A 20% lighter version of the original color is **68.2692, 67.3858, 35.3952**, and **19.1721, 16.7436, 4.4118** is the 20% darker color. If you saturate the color by 10%, you get **38.9226, 34.0678, 10.2201**, and if you desaturate by 10%, it is **44.3857, 41.9993, 21.2728**.

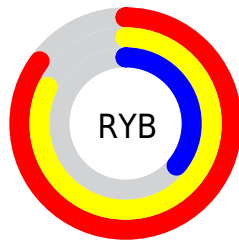
Distribution



Red (85%)

Green (60%)

Blue (36%)



Red (85%)

Yellow (82%)

Blue (36%)

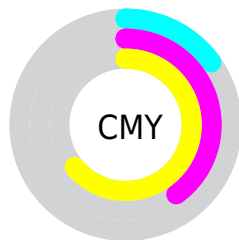


Cyan (0%)

Magenta (30%)

Yellow (58%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4355, 37.8107, 15.0118 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 41.4355, 37.8107, 15.0118 by changing the saturation by 10% instead.


 41.4355, 37.8107,
15.0118


 41.4355, 37.8107,
15.0118


343.1691,
336.8072, 235.0809


 28.8487, 25.8358,
8.6810


 76.6151, 71.8179,
35.6165

 19.1101, 16.7008,
4.4397


 99.9386, 94.6190,
50.7274

 11.8543, 10.0214,
1.8695


 127.5717,
121.7976, 69.6021

 6.7161, 5.4132,
0.4732

 159.8798,
153.7381, 92.6590

 3.3299, 2.4917,
0.0000

197.2283,
190.8249, 120.3169

 1.3305, 0.8725,
0.0000

239.9824,

 0.2059, 0.0000,

233.4425, 152.9941

0.0000

288.5075,
281.9751, 191.1092

■ 0.0000, 0.0000,
0.0000

■ 41.4355, 37.8107,
15.0118

■ 41.4355, 37.8107,
15.0118

■ 38.9226, 34.0678,
10.2201

■ 44.3857, 41.9993,
21.2728

■ 36.8161, 30.7464,
6.7691

■ 47.7957, 46.6452,
29.1124

■ 35.0842, 27.8278,
4.5113

■ 51.6896, 51.7661,
38.6320

■ 33.6826, 25.2861,
3.2376

■ 56.0886, 57.3770,
49.9238

■ 33.4129, 24.7871,
3.0233

■ 61.0128, 63.4924,
63.0733

■ 66.4807, 70.1256,
78.1603

■ 72.5102, 77.2899,
95.2599

■ 77.6682, 84.4176,
106.8084

■ 81.0321, 91.1453,
107.9297

Harmonies

Analogous

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



47.7289, 37.8107, 22.1573



41.4355, 37.8107, 15.0118



34.3413, 37.8107, 13.6389

Triad

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



41.4355, 37.8107, 15.0118



24.2225, 37.8107, 45.9883



44.5998, 37.8107, 80.0228

Complementary

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



41.4355, 37.8107, 15.0118



28.4298, 30.6234, 69.3781

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.



37.5834, 37.8107, 92.1422



41.4355, 37.8107, 15.0118



26.2688, 37.8107, 68.7808

Square

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



41.4355, 37.8107, 15.0118



24.9754, 37.8107, 27.9145



30.9495, 37.8107, 87.4729



49.7142, 37.8107, 58.0696

Rectangle

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



41.4355, 37.8107, 15.0118



30.2059, 37.8107, 15.5834



30.9495, 37.8107, 87.4729



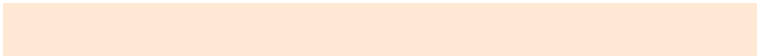
42.3528, 37.8107, 85.6578

Sweetspot

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



41.4364, 37.8126, 15.0125



82.1637, 84.1641, 73.9709



38.0256, 24.4676, 33.9867



17.2930, 17.6451, 15.0648



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.



41.4364, 37.8126, 15.0125



56.0939, 48.7068, 13.8516



54.2327, 63.4051, 19.2780



12.9186, 13.4113, 13.0685



19.8845, 14.8861, 1.8253



1.2820, 1.0633, 0.1377

Inverse Universe

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



28.4298, 30.6234, 69.3781



35.4907, 37.3085, 99.9385



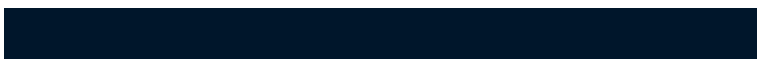
20.6310, 15.0257, 66.7785



12.2630, 13.0495, 15.8100



10.7826, 9.8271, 39.7817



0.7331, 0.7582, 2.4270

Previews

White Background



This preview shows how the XYZ color 41.4355, 37.8107, 15.0118 looks on a white background.

Color Contrast Check

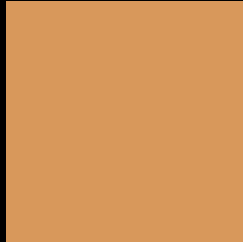
Large Text (above 18pt) WCAG AA × Fail

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 41.4355, 37.8107, 15.0118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

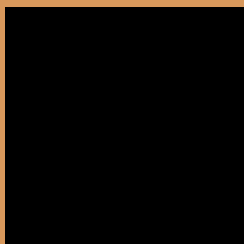
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4355, 37.8107, 15.0118

Background



This preview shows how black text looks on a background with the XYZ color 41.4355, 37.8107, 15.0118.



This preview shows how white text looks on a background with the XYZ color 41.4355, 37.8107,

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

41.4355, 37.8107, 15.0118

Protanopia

35.0389, 38.0620, 16.5663

Deuteranopia

38.7009, 37.8884, 14.9463



Tritanopia

45.7084, 37.6852, 35.8752

Trichromacy



Original Color

41.4355, 37.8107, 15.0118

Protanomaly

37.0134, 37.7672, 15.9287

Deuteranomaly

39.7464, 37.9250, 14.8983

Tritanomaly

43.8120, 37.5934, 26.7769

Monochromacy



Original Color

41.4355, 37.8107, 15.0118

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.6146, 37.0150, 28.8817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4355, 37.8107, 15.0118 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, 152, 91)` looks like.

```
.text, #text, p{  
    color:rgb(216, 152, 91)  
}
```

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, 152, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 152, 91) }
```

Border

The CSS property to change the border of an element to XYZ 41.4355, 37.8107, 15.0118 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, 152, 91) }
```


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

```
.border{ border-color:rgb(216, 152, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 152, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 152, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 152, 91);  
box-shadow:4px 4px 4px 4px rgb(216, 152,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4355, 37.8107, 15.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 152, 91) }
```

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

```
.background{ background-color: rgb(216,  
152, 91) }
```

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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