

Converting Colors

XYZ(41.0536, 37.8508, 15.2683)

Have a look what the booklet for
XYZ(41.0536, 37.8508, 15.2683)
contains.

XYZ(41.0546, 37.8513, 15.2674)	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(41.0546, 37.8513,
15.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	D6995C
RGB	214, 153, 92
RGB Percent	84%, 60%, 36%
CMY	0.1608, 0.4000, 0.6392
CMYK	0.00, 0.29, 0.57, 0.16
HSL	30°, 60%, 60%
HSV	30°, 57%, 84%
XYZ	41.0546, 37.8513, 15.2674
YIQ	164.2850, 55.9370, -6.0390

Conversions

Conversions Part 2

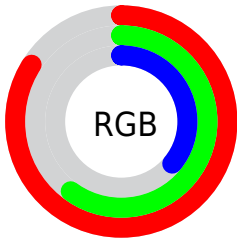
Format	Color
R_{YB}	214, 214, 92
Decimal	14063964
CIE _{Lab}	67.91, 16.27, 40.77
CIE _{LCh}	68, 43.898, 68.240
Yxy	37.8513, 0.4359, 0.4019
Android (android.graphics.Color)	4292254044 (0xFFD6995C)
YUV	164.2850, -35.6365, 43.6001
Hunter-Lab	61.5234, 11.4472, 28.3532

Details

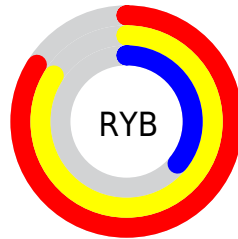
The XYZ color **41.0546, 37.8513, 15.2674** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **27.9419, 29.9115, 67.9190**, and the grayscale version is **35.5691, 37.4215, 40.7520**.

A 20% lighter version of the original color is **68.5869, 67.8993, 35.8765**, and **18.8977, 16.7451, 4.5216** is the 20% darker color. If you saturate the color by 10%, you get **38.5748, 34.1833, 10.4594**, and if you desaturate by 10%, it is **43.9575, 41.9428, 21.5206**.

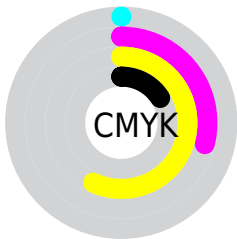
Distribution



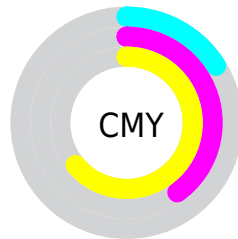
- Red (84%)
- Green (60%)
- Blue (36%)



- Red (84%)
- Yellow (84%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0546, 37.8513, 15.2674 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 41.0546, 37.8513, 15.2674 by changing the saturation by 10% instead.


 41.0546, 37.8513,
15.2674


 41.0546, 37.8513,
15.2674


341.6075,
336.9817, 236.6753


 28.5496, 25.8673,
8.8586


 76.0410, 71.8802,
36.0705


 18.8829, 16.7244,
4.5535


 99.2530, 94.6938,
51.3019

 11.6892, 10.0382,
1.9336


 126.7648,
121.8861, 70.3112

 6.6031, 5.4243,
0.5140

 158.9418,
153.8415, 93.5169

 3.2593, 2.4983,
0.0000

196.1491,
190.9444, 121.3377

 1.2923, 0.8758,
0.0000

238.7523,

 0.1775, 0.0000,

233.5791, 154.1920

0.0000

287.1166,
282.1301, 192.4983

■ 0.0000, 0.0000,
0.0000

■ 41.0546, 37.8513,
15.2674

■ 41.0546, 37.8513,
15.2674

■ 38.5748, 34.1833,
10.4594

■ 43.9575, 41.9428,
21.5206

■ 36.4883, 30.9158,
6.9723

■ 47.3049, 46.4682,
29.3245

■ 34.7650, 28.0315,
4.6645

■ 51.1199, 51.4443,
38.7775

■ 33.3651, 25.5072,
3.3487

■ 55.4228, 56.8852,
49.9689

■ 32.9901, 24.8133,
3.0507

■ 60.2327, 62.8041,
62.9816

■ 65.5676, 69.2138,
77.8932

■ 71.4445, 76.1266,
94.7766

■ 76.5306, 83.0144,
106.5975

■ 79.7493, 89.4518,
107.6704

Harmonies

Analogous

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



47.2772, 37.8513, 22.0809



41.0546, 37.8513, 15.2674



34.1316, 37.8513, 14.1184

Triad

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



41.0546, 37.8513, 15.2674



24.5071, 37.8513, 46.8275



44.7089, 37.8513, 78.2600

Complementary

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



41.0546, 37.8513, 15.2674



27.9419, 29.9115, 67.9190

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.



37.8868, 37.8513, 90.6081



41.0546, 37.8513, 15.2674



26.6374, 37.8513, 69.0684

Square

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



41.0546, 37.8513, 15.2674



25.1303, 37.8513, 28.8114



31.3355, 37.8513, 86.7977



49.5656, 37.8513, 56.7448

Rectangle

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



41.0546, 37.8513, 15.2674



30.1274, 37.8513, 16.2106



31.3355, 37.8513, 86.7977



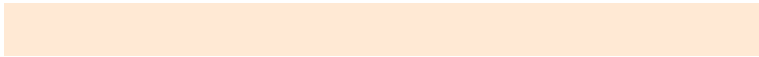
42.5375, 37.8513, 83.8864

Sweetspot

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



41.0555, 37.8532, 15.2681



82.3110, 84.4588, 74.0200



37.3086, 24.2506, 32.8518



17.3277, 17.7146, 15.0764



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.



41.0555, 37.8532, 15.2681



56.8072, 49.9819, 14.5565



53.7099, 63.1619, 19.4863



12.9312, 13.4365, 13.0727



20.0445, 15.2063, 1.8786



1.2918, 1.0827, 0.1409

Inverse Universe

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



27.9419, 29.9115, 67.9190



35.5518, 37.1095, 99.8968



20.3787, 14.7850, 65.3979



12.2504, 13.0243, 15.8058



10.6179, 9.4976, 39.7268



0.7232, 0.7384, 2.4237

Previews

White Background



This preview shows how the XYZ color 41.0546, 37.8513, 15.2674 looks on a white background.

Color Contrast Check

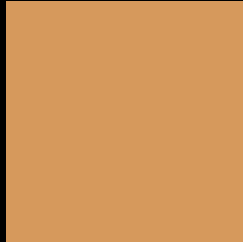
Large Text (above 18pt) WCAG AA × Fail

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 41.0546, 37.8513, 15.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

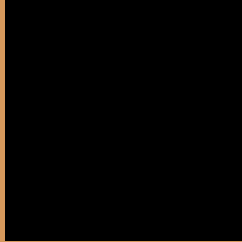
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0546, 37.8513, 15.2674

Background



This preview shows how black text looks on a background with the XYZ color 41.0546, 37.8513, 15.2674.



This preview shows how white text looks on a background with the XYZ color 41.0546, 37.8513,

15.2674.

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

41.0546, 37.8513, 15.2674

Protanopia

35.0853, 38.0806, 16.8104

Deuteranopia

38.7438, 37.9056, 15.1720



Tritanopia

45.3396, 37.7112, 36.3418

Trichromacy



Original Color

41.0546, 37.8513, 15.2674

Protanomaly

37.0586, 37.7853, 16.1666

Deuteranomaly

39.5089, 37.7977, 15.1109

Tritanomaly

43.4388, 37.6250, 27.1632

Monochromacy



Original Color

41.0546, 37.8513, 15.2674

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.4497, 36.9217, 29.2502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0546, 37.8513, 15.2674 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(214, 153, 92)` looks like.

```
.text, #text, p{  
    color:rgb(214, 153, 92)  
}
```

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(214, 153, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 153, 92) }
```

Border

The CSS property to change the border of an element to XYZ 41.0546, 37.8513, 15.2674 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(214, 153, 92) }
```


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

```
.border{ border-color:rgb(214, 153, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 153, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 153, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 153, 92);  
box-shadow:4px 4px 4px 4px rgb(214, 153,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0546, 37.8513, 15.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 153, 92) }
```

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

```
.background{ background-color: rgb(214,  
153, 92) }
```

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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