

Converting Colors

XYZ(43.7399, 41.6321, 19.6406)

Have a look what the booklet for
XYZ(43.7399, 41.6321, 19.6406)
contains.

| | |
|--|----|
| XYZ(43.7754, 41.7030, 19.6522) | 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(43.7754, 41.7030,
19.6522)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D7A36B |
| RGB | 215, 163, 107 |
| RGB Percent | 84%, 64%, 42% |
| CMY | 0.1569, 0.3608, 0.5804 |
| CMYK | 0.00, 0.24, 0.50, 0.16 |
| HSL | 31°, 57%, 63% |
| HSV | 31°, 50%, 84% |
| XYZ | 43.7754, 41.7030, 19.6522 |
| YIQ | 172.1640, 48.9680, -6.3920 |

Conversions

Conversions Part 2

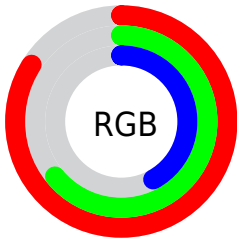
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 207, 215, 107 |
| Decimal | 14132075 |
| CIE Lab | 70.67, 12.57, 36.40 |
| CIE LCh | 71, 38.507, 70.945 |
| Yxy | 41.7030, 0.4164, 0.3967 |
| Android (android.graphics.Color) | 4292322155 (0xFFD7A36B) |
| YUV | 172.1640, -32.1259, 37.5672 |
| Hunter-Lab | 64.5779, 7.9886, 27.1615 |

Details

The XYZ color **43.7754, 41.7030, 19.6522** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.7268, 32.8271, 69.0066**, and the grayscale version is **39.4369, 41.4907, 45.1834**.

A 20% lighter version of the original color is **72.5694, 73.9060, 43.2414**, and **20.5487, 18.9435, 6.5764** is the 20% darker color. If you saturate the color by 10%, you get **41.0188, 37.7805, 13.8297**, and if you desaturate by 10%, it is **46.9657, 46.0429, 27.0075**.

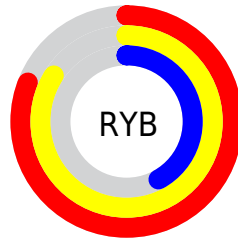
Distribution



Red (84%)

Green (64%)

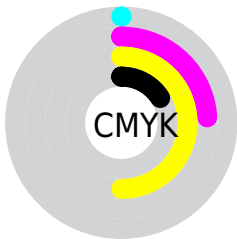
Blue (42%)



Red (81%)

Yellow (84%)

Blue (42%)

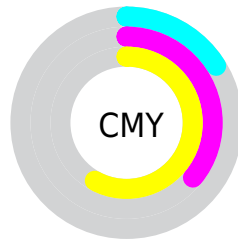


Cyan (0%)

Magenta (24%)

Yellow (50%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7754, 41.7030, 19.6522 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 43.7754, 41.7030, 19.6522 by changing the saturation by 10% instead.

43.7754, 41.7030,
19.6522

43.7754, 41.7030,
19.6522

352.6587,
353.2503, 262.5677

30.6911, 28.8688,
11.9609

80.1281, 77.7499,
43.6846

20.5144, 18.9816,
6.5949

104.1273,
101.7315, 60.8628

12.8800, 11.6570,
3.1355

132.4954,
130.1975, 82.0403

7.4224, 6.5106,
1.1642

165.5979,
163.5326, 107.6358

3.7763, 3.1579,
0.0000

203.8001,
202.1210, 138.0677

1.5764, 1.2147,
0.0000

247.4674,

0.3769, 0.0737,

246.3471, 173.7546

0.0000

296.9652,
296.5954, 215.1151

■ 0.0000, 0.0000,
0.0000

■ 43.7754, 41.7030,
19.6522

■ 43.7754, 41.7030,
19.6522

■ 41.0188, 37.7805,
13.8297

■ 46.9657, 46.0429,
27.0075

■ 38.6680, 34.2538,
9.4244

■ 50.6092, 50.8087,
35.9946

■ 36.6961, 31.1076,
6.3082

■ 54.7277, 56.0160,
46.7070

■ 35.0704, 28.3228,
4.3280

■ 59.3404, 61.6779,
59.2305

■ 33.7625, 25.9234,
3.2242

■ 64.4654, 67.8065,
73.6451

70.1201, 74.4137,
90.0257

75.9150, 81.3485,
106.3084

78.9731, 87.4647,
107.3278

81.8343, 93.1870,
108.2815

Harmonies

Analogous

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



49.6357, 41.7030, 26.0684



43.7754, 41.7030, 19.6522



37.3553, 41.7030, 18.9261

Triad

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



43.7754, 41.7030, 19.6522



28.7797, 41.7030, 52.4044



48.2252, 41.7030, 77.4198

Complementary

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



43.7754, 41.7030, 19.6522



30.7268, 32.8271, 69.0066

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.



42.0107, 41.7030, 89.3299



43.7754, 41.7030, 19.6522



31.0810, 41.7030, 72.5171

Square

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



43.7754, 41.7030, 19.6522



29.1436, 41.7030, 34.8839



35.7688, 41.7030, 87.3276



52.3890, 41.7030, 57.8595

Rectangle

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



43.7754, 41.7030, 19.6522



33.6625, 41.7030, 21.4637



35.7688, 41.7030, 87.3276



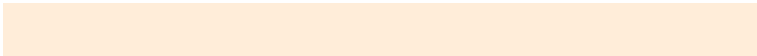
46.2806, 41.7030, 82.6604

Sweetspot

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



43.7764, 41.7050, 19.6530



83.8961, 86.5851, 77.7661



39.5576, 27.4730, 36.1102



17.6513, 18.1562, 15.8178



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.



43.7764, 41.7050, 19.6530



60.2314, 55.4056, 20.0902



54.4529, 63.8384, 23.3625



12.9506, 13.4754, 13.0792



20.3008, 15.7189, 1.9641



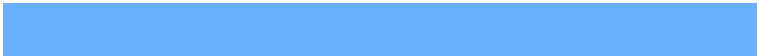
1.3072, 1.1135, 0.1460

Inverse Universe

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



30.7268, 32.8271, 69.0066



38.9882, 40.9622, 100.4593



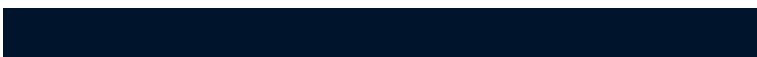
23.8059, 18.6607, 66.6370



12.2310, 12.9854, 15.7993



10.3728, 9.0074, 39.6451



0.7083, 0.7086, 2.4187

Previews

White Background



This preview shows how the XYZ color 43.7754, 41.7030, 19.6522 looks on a white background.

Color Contrast Check

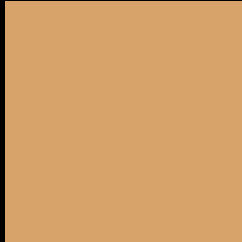
Large Text (above 18pt) WCAG AA × Fail

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 43.7754, 41.7030, 19.6522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

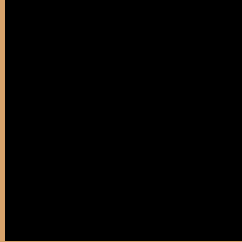
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7754, 41.7030, 19.6522

Background



This preview shows how black text looks on a background with the XYZ color 43.7754, 41.7030, 19.6522.



This preview shows how white text looks on a background with the XYZ color 43.7754, 41.7030,

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

43.7754, 41.7030, 19.6522

Protanopia

38.5519, 41.7262, 21.0610

Deuteranopia

42.6350, 41.6525, 19.4283



Tritanopia

48.2116, 41.4484, 42.0185

Trichromacy



Original Color

43.7754, 41.7030, 19.6522

Protanomaly

40.2911, 41.5075, 20.6400

Deuteranomaly

43.0284, 41.5886, 19.3952

Tritanomaly

46.2511, 41.4035, 32.3420

Monochromacy



Original Color

43.7754, 41.7030, 19.6522

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.2723, 41.2054, 33.8478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7754, 41.7030, 19.6522 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, 163, 107)` looks like.

```
.text, #text, p{  
    color:rgb(215, 163, 107)  
}
```

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, 163, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 163, 107) }
```

Border

The CSS property to change the border of an element to XYZ 43.7754, 41.7030, 19.6522 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, 163, 107) }
```


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

```
.border{ border-color:rgb(215, 163, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 163, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 163, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 163, 107);  
box-shadow:4px 4px 4px 4px rgb(215, 163,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7754, 41.7030, 19.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 163, 107) }
```

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

```
.background{ background-color: rgb(215,  
163, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor