

Converting Colors

XYZ(40.4501, 34.0617, 17.2746)

Have a look what the booklet for
XYZ(40.4501, 34.0617, 17.2746)
contains.

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Color

**XYZ(40.4501, 34.0617,
17.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8A67
RGB	218, 138, 103
RGB Percent	85%, 54%, 40%
CMY	0.1451, 0.4588, 0.5961
CMYK	0.00, 0.37, 0.53, 0.15
HSL	18°, 61%, 63%
HSV	18°, 53%, 85%
XYZ	40.4501, 34.0617, 17.2746
YIQ	157.9300, 58.9150, 6.0750

Conversions

Conversions Part 2

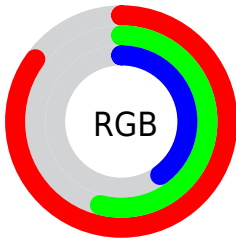
Format	Color
R _Y B	218, 153, 103
Decimal	14322279
CIE Lab	65.01, 26.91, 31.40
CIE LCh	65, 41.354, 49.410
Yxy	34.0617, 0.4407, 0.3711
Android (android.graphics.Color)	4292512359 (0xFFDA8A67)
YUV	157.9300, -27.0805, 52.6814
Hunter-Lab	58.3624, 21.5815, 23.3045

Details

The XYZ color **40.4501, 34.0617, 17.2746** is a light color, and the websafe version is hex **CC9966**, and the color name is **copper (crayola)**. A complement of this color would be **35.1809, 41.8104, 72.5453**, and the grayscale version is **32.5687, 34.2648, 37.3144**.

A 20% lighter version of the original color is **66.0060, 61.3258, 39.3685**, and **18.5950, 14.5658, 5.4458** is the 20% darker color. If you saturate the color by 10%, you get **37.4695, 29.6292, 11.5684**, and if you desaturate by 10%, it is **44.0214, 39.2192, 24.5855**.

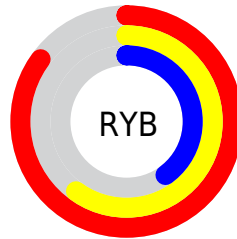
Distribution



Red (85%)

Green (54%)

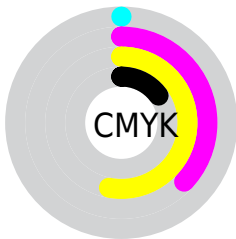
Blue (40%)



Red (85%)

Yellow (60%)

Blue (40%)

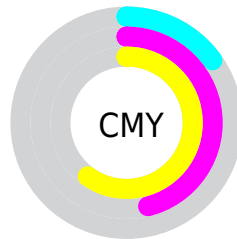


Cyan (0%)

Magenta (37%)

Yellow (53%)

Black (15%)



Cyan (15%)

Magenta (46%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4501, 34.0617, 17.2746 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 40.4501, 34.0617, 17.2746 by changing the saturation by 10% instead.


 40.4501, 34.0617,
17.2746


 40.4501, 34.0617,
17.2746


339.1190,
320.4071, 248.8472

 28.0754, 22.9410,
10.2664

 75.1284, 66.0296,
39.5944

 18.5233, 14.5499,
5.4681


 98.1628, 87.6456,
55.7431

 11.4283, 8.5041,
2.4609


 125.4811,
113.5288, 75.7758

 6.4251, 4.4192,
0.8193

 157.4486,
144.0637, 100.1110

 3.1483, 1.9107,
0.0000

194.4309,
179.6345, 129.1671

 1.2327, 0.5548,
0.0000

236.7931,

 0.1319, 0.0000,

220.6258, 163.3629

0.0000

284.9007,
267.4218, 203.1167

■ 0.0000, 0.0000,
0.0000

■ 40.4501, 34.0617,
17.2746

■ 40.4501, 34.0617,
17.2746

■ 37.4695, 29.6292,
11.5684

■ 44.0214, 39.2192,
24.5855

■ 35.0418, 25.8826,
7.3414

■ 48.2130, 45.1284,
33.6096

■ 33.1286, 22.7864,
4.4523

■ 53.0552, 51.8206,
44.4482

■ 31.6838, 20.2990,
2.7307

■ 58.5755, 59.3238,
57.1940

■ 30.8825, 18.8437,
2.0095

■ 64.7999, 67.6645,
71.9334

■ 71.7529, 76.8682,
88.7475

■ 79.3607, 86.9203,
107.2023

■ 82.7233, 93.6454,
108.3231

Harmonies

Analogous

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



44.4802, 34.0617, 27.1818



40.4501, 34.0617, 17.2746



34.5349, 34.0617, 13.2161

Triad

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



40.4501, 34.0617, 17.2746



22.3333, 34.0617, 31.3567



36.3496, 34.0617, 77.6411

Complementary

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



40.4501, 34.0617, 17.2746



35.1809, 41.8104, 72.5453

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.



30.3064, 34.0617, 79.8066



40.4501, 34.0617, 17.2746



22.6926, 34.0617, 49.1473

Square

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



40.4501, 34.0617, 17.2746



24.4019, 34.0617, 19.5177



25.4525, 34.0617, 68.1490



41.9185, 34.0617, 62.9150

Rectangle

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



40.4501, 34.0617, 17.2746



30.5302, 34.0617, 13.1570



25.4525, 34.0617, 68.1490



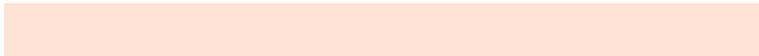
34.2919, 34.0617, 80.0031

Sweetspot

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



40.4509, 34.0634, 17.2752



80.7682, 80.8554, 75.1020



42.3631, 28.0459, 48.2538



16.9353, 16.8277, 15.2599



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.



40.4509, 34.0634, 17.2752



53.1363, 41.7948, 15.9388



50.8766, 54.9148, 20.7505



13.3776, 13.6946, 13.6638



18.5854, 11.4563, 1.2317



1.2789, 0.8918, 0.1047

Inverse Universe

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



35.1809, 41.8104, 72.5453



44.7972, 53.8085, 102.6328



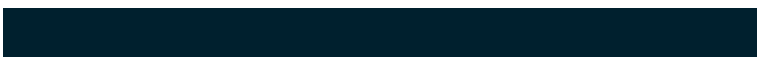
25.7095, 22.8676, 69.3882



13.0930, 14.1257, 16.6886



14.3726, 16.6147, 42.1878



1.0058, 1.2256, 2.7580

Previews

White Background



This preview shows how the XYZ color 40.4501, 34.0617, 17.2746 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 40.4501, 34.0617, 17.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

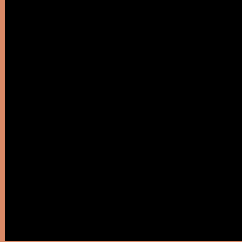
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4501, 34.0617, 17.2746

Background



This preview shows how black text looks on a background with the XYZ color 40.4501, 34.0617, 17.2746.



This preview shows how white text looks on a background with the XYZ color 40.4501, 34.0617,

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

40.4501, 34.0617, 17.2746

Protanopia

31.8907, 34.2593, 19.9708

Deuteranopia

34.8527, 34.1297, 16.8073



Tritanopia

43.1642, 34.1304, 30.2994

Trichromacy



Original Color

40.4501, 34.0617, 17.2746

Protanomaly

34.5124, 33.9073, 18.9131

Deuteranomaly

36.7152, 33.9149, 16.9230

Tritanomaly

42.0755, 34.1021, 24.7868

Monochromacy



Original Color

40.4501, 34.0617, 17.2746

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.4764, 33.6715, 28.7269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4501, 34.0617, 17.2746 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(218, 138, 103)` looks like.

```
.text, #text, p{  
    color:rgb(218, 138, 103)  
}
```

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(218, 138, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 138, 103) }
```

Border

The CSS property to change the border of an element to XYZ 40.4501, 34.0617, 17.2746 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(218, 138, 103) }
```


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

```
.border{ border-color:rgb(218, 138, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 138, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 138, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 138, 103);  
box-shadow:4px 4px 4px 4px rgb(218, 138,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4501, 34.0617, 17.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 138, 103) }
```

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

```
.background{ background-color: rgb(218,  
138, 103) }
```

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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