

Converting Colors

XYZ(39.9064, 32.8725, 17.8032)

Have a look what the booklet for
XYZ(39.9064, 32.8725, 17.8032)
contains.

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Color

**XYZ(40.0401, 32.9962,
17.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	DA866A
RGB	218, 134, 106
RGB Percent	85%, 53%, 42%
CMY	0.1451, 0.4745, 0.5843
CMYK	0.00, 0.39, 0.51, 0.15
HSL	15°, 60%, 64%
HSV	15°, 51%, 85%
XYZ	40.0401, 32.9962, 17.8942
YIQ	155.9240, 59.0520, 9.1000

Conversions

Conversions Part 2

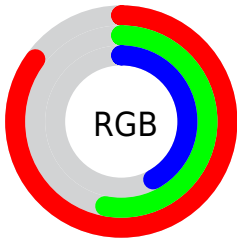
Format	Color
R _Y B	218, 143, 106
Decimal	14321258
CIE Lab	64.16, 29.31, 28.65
CIE LCh	64, 40.990, 44.349
Yxy	32.9962, 0.4403, 0.3629
Android (android.graphics.Color)	4292511338 (0xFFDA866A)
YUV	155.9240, -24.6125, 54.4407
Hunter-Lab	57.4423, 23.8992, 21.7398

Details

The XYZ color **40.0401, 32.9962, 17.8942** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **37.0113, 44.9510, 73.0553**, and the grayscale version is **31.6547, 33.3032, 36.2672**.

A 20% lighter version of the original color is **65.3948, 59.6951, 40.4234**, and **18.3542, 13.9656, 5.7312** is the 20% darker color. If you saturate the color by 10%, you get **36.9596, 28.4249, 11.9674**, and if you desaturate by 10%, it is **43.7597, 38.3848, 25.4561**.

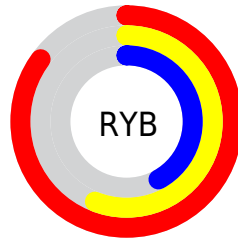
Distribution



Red (85%)

Green (53%)

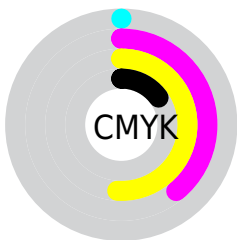
Blue (42%)



Red (85%)

Yellow (56%)

Blue (42%)

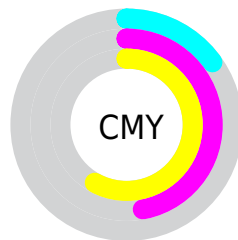


Cyan (0%)

Magenta (39%)

Yellow (51%)

Black (15%)



Cyan (15%)


Magenta (47%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0401, 32.9962, 17.8942 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 40.0401, 32.9962, 17.8942 by changing the saturation by 10% instead.


 40.0401, 32.9962,
17.8942


 40.0401, 32.9962,
17.8942


337.4241,
315.6326, 252.4901

 27.7542, 22.1235,
10.7054


 74.5085, 64.3696,
40.6685


 18.2799, 13.9477,
5.7574


 97.4217, 85.6391,
57.0910

 11.2521, 8.0843,
2.6318


 124.6080,
111.1430, 77.4285

 6.3052, 4.1489,
0.9088

 156.4329,
141.2658, 102.0996

 3.0739, 1.7572,
0.0000

193.2615,
176.3917, 131.5228

 1.1930, 0.4603,
0.0000

235.4594,

 0.1008, 0.0000,

216.9052, 166.1165

0.0000

283.3918,
263.1907, 206.2995

■ 0.0000, 0.0000,
0.0000

■ 40.0401, 32.9962,
17.8942

■ 40.0401, 32.9962,
17.8942

■ 36.9596, 28.4249,
11.9674

■ 43.7597, 38.3848,
25.4561

■ 34.4776, 24.6249,
7.5513

■ 48.1509, 44.6237,
34.7615

■ 32.5520, 21.5533,
4.5060

■ 53.2468, 51.7498,
45.9112

■ 31.1335, 19.1602,
2.6646

■ 59.0776, 59.7967,
58.9980

■ 30.2564, 17.5915,
1.8008

■ 65.6714, 68.7960,
74.1084

■ 73.0552, 78.7777,
91.3237

■ 80.6690, 89.5366,
107.6383

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



43.4662, 32.9962, 28.5731



40.0401, 32.9962, 17.8942



34.4706, 32.9962, 13.0997

Triad

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



40.0401, 32.9962, 17.8942



21.7949, 32.9962, 27.9748



34.2102, 32.9962, 76.6482

Complementary

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



40.0401, 32.9962, 17.8942



37.0113, 44.9510, 73.0553

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.



28.4460, 32.9962, 76.3369



40.0401, 32.9962, 17.8942



21.7434, 32.9962, 44.4459

Square

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



40.0401, 32.9962, 17.8942



24.1886, 32.9962, 17.5732



24.0380, 32.9962, 63.2259



39.8293, 32.9962, 63.9779

Rectangle

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



40.0401, 32.9962, 17.8942



30.5231, 32.9962, 12.5496



24.0380, 32.9962, 63.2259



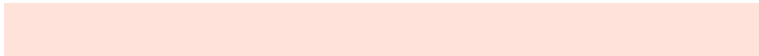
32.2159, 32.9962, 78.1580

Sweetspot

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



40.0409, 32.9979, 17.8948



81.0138, 80.8205, 76.8053



43.3619, 28.9314, 52.0142



16.9609, 16.7754, 15.5877



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.



40.0409, 32.9979, 17.8948



52.2581, 39.8515, 16.2226



49.9285, 52.7731, 21.1907



13.3193, 13.5779, 13.6444



18.1991, 10.6838, 1.1030



1.2474, 0.8290, 0.0943

Inverse Universe

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



37.0113, 44.9510, 73.0553



47.3889, 58.5954, 103.4201



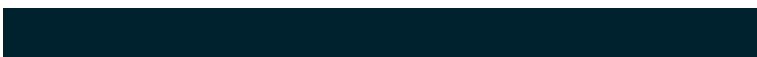
27.1241, 25.1766, 69.7596



13.1548, 14.2494, 16.7092



15.5698, 19.0091, 42.5869



1.0754, 1.3649, 2.7812

Previews

White Background



This preview shows how the XYZ color 40.0401, 32.9962, 17.8942 looks on a white background.

Color Contrast Check

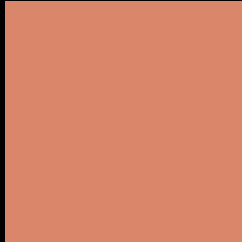
Large Text (above 18pt) WCAG AA × Fail

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 40.0401, 32.9962, 17.8942 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 40.0401, 32.9962, 17.8942

Background



This preview shows how black text looks on a background with the XYZ color 40.0401, 32.9962, 17.8942.



This preview shows how white text looks on a background with the XYZ color 40.0401, 32.9962,

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

40.0401, 32.9962, 17.8942

Protanopia

30.9193, 33.2302, 21.0041

Deuteranopia

33.6891, 33.0390, 17.4335



Tritanopia

42.3293, 32.9367, 28.5525

Trichromacy



Original Color

40.0401, 32.9962, 17.8942

Protanomaly

33.7642, 32.7888, 19.8785

Deuteranomaly

35.7607, 32.9518, 17.5722

Tritanomaly

41.4623, 32.9805, 24.2593

Monochromacy



Original Color

40.0401, 32.9962, 17.8942

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.7678, 32.5985, 28.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0401, 32.9962, 17.8942 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, 134, 106)` looks like.

```
.text, #text, p{  
    color:rgb(218, 134, 106)  
}
```

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, 134, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 134, 106) }
```

Border

The CSS property to change the border of an element to XYZ 40.0401, 32.9962, 17.8942 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, 134, 106) }
```


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

```
.border{ border-color:rgb(218, 134, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 134, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 134, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 134, 106);  
box-shadow:4px 4px 4px 4px rgb(218, 134,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0401, 32.9962, 17.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 134, 106) }
```

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

```
.background{ background-color: rgb(218,  
134, 106) }
```

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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