

Converting Colors

XYZ(40.3816, 34.0474, 26.2732)

Have a look what the booklet for
XYZ(40.3816, 34.0474, 26.2732)
contains.

XYZ(40.2614, 33.9801, 26.2666)	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(40.2614, 33.9801,
26.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	D38B84
RGB	211, 139, 132
RGB Percent	83%, 55%, 52%
CMY	0.1726, 0.4549, 0.4823
CMYK	0.00, 0.34, 0.37, 0.17
HSL	5°, 47%, 67%
HSV	5°, 37%, 83%
XYZ	40.2614, 33.9801, 26.2666
YIQ	159.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

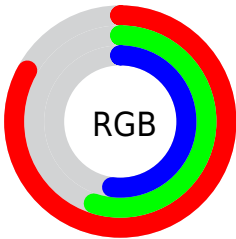
Format	Color
R_{YB}	211, 140, 132
Decimal	13863812
CIE Lab	64.95, 26.60, 15.06
CIE LCh	65, 30.568, 29.518
Yxy	33.9801, 0.4006, 0.3381
Android (android.graphics.Color)	4292053892 (0xFFD38B84)
YUV	159.7300, -13.6709, 44.9638
Hunter-Lab	58.2925, 21.2745, 14.0886

Details

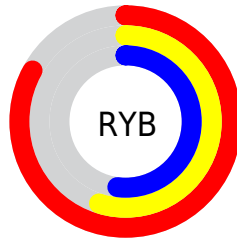
The XYZ color **40.2614, 33.9801, 26.2666** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8654, 52.7921, 69.5585**, and the grayscale version is **33.3365, 35.0726, 38.1941**.

A 20% lighter version of the original color is **69.0669, 62.9027, 54.4002**, and **18.3775, 14.4740, 10.0088** is the 20% darker color. If you saturate the color by 10%, you get **36.4173, 28.3737, 18.5677**, and if you desaturate by 10%, it is **44.8890, 40.6860, 35.6681**.

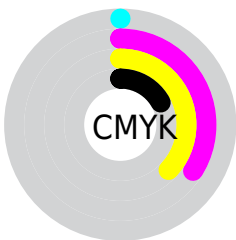
Distribution



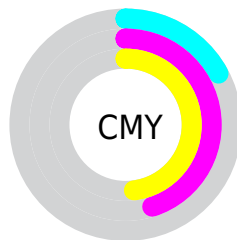
- Red (83%)
- Green (55%)
- Blue (52%)



- Red (83%)
- Yellow (55%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (17%)





- Cyan (17%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2614, 33.9801, 26.2666 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 40.2614, 33.9801, 26.2666 by changing the saturation by 10% instead.


 40.2614, 33.9801,
26.2666


 40.2614, 33.9801,
26.2666


338.3397,
320.0433, 297.7354

 27.9275, 22.8783,
16.7956


 74.8432, 65.9027,
54.6941

 18.4112, 14.5037,
9.9285


 97.8219, 87.4923,
74.4877

 11.3471, 8.4718,
5.2466


 125.0795,
113.3467, 98.5592

 6.3698, 4.3983,
2.3314

156.9814,
143.8502, 127.3273

 3.1140, 1.8988,
0.7487

193.8931,
179.3872, 161.2104

 1.2143, 0.5476,
0.0000

236.1798,

 0.1176, 0.0000,

220.3421, 200.6271

0.0000

284.2068,
267.0994, 245.9959

0.0000, 0.0000,
0.0000

40.2614, 33.9801,
26.2666

40.2614, 33.9801,
26.2666

36.4173, 28.3737,
18.5677

44.8890, 40.6860,
35.6681

33.3108, 23.8034,
12.4674

50.3374, 48.5406,
46.8634

30.8950, 20.2072,
7.8537

56.6449, 57.5958,
59.9400

29.1167, 17.5140,
4.5993

63.8464, 67.8993,
74.9787

27.9148, 15.6433,
2.5551

71.9749, 79.4958,
92.0558

■ 27.2126, 14.4989,
1.5194

■ 80.4764, 92.1940,
108.1614

■ 27.0919, 14.3048,
1.3332

■ 80.6739, 92.5888,
108.2272

Harmonies

Analogous

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



41.5508, 33.9801, 37.2033



40.2614, 33.9801, 26.2666



36.7973, 33.9801, 19.7533

Triad

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



40.2614, 33.9801, 26.2666



25.5200, 33.9801, 25.9859



32.2257, 33.9801, 67.0218

Complementary

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



40.2614, 33.9801, 26.2666



42.8654, 52.7921, 69.5585

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.



28.1796, 33.9801, 62.1530



40.2614, 33.9801, 26.2666



24.5306, 33.9801, 36.7945

Square

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



40.2614, 33.9801, 26.2666



28.2926, 33.9801, 19.6191



25.4591, 33.9801, 50.3157



36.6626, 33.9801, 62.4423

Rectangle

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



40.2614, 33.9801, 26.2666



33.8661, 33.9801, 17.8721



25.4591, 33.9801, 50.3157



30.7773, 33.9801, 66.4220

Sweetspot

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



40.2623, 33.9818, 26.2673



83.2387, 83.0842, 84.2866



46.0644, 34.7313, 61.6649



17.5300, 17.3722, 17.4465



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.



40.2623, 33.9818, 26.2673



56.9664, 45.1094, 30.6122



46.9659, 47.3889, 28.5018



11.8918, 11.9743, 12.2965



16.3821, 8.6973, 0.8153



0.9458, 0.5458, 0.0555

Inverse Universe

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



42.8654, 52.7921, 69.5585



61.5069, 78.0163, 106.4246



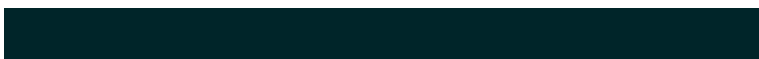
34.7139, 36.4892, 66.8413



12.0650, 13.2203, 15.1595



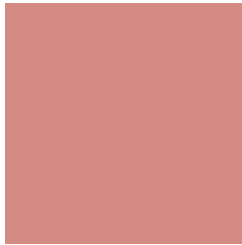
18.5489, 25.7444, 41.1840



1.0640, 1.4932, 2.3117

Previews

White Background



This preview shows how the XYZ color 40.2614, 33.9801, 26.2666 looks on a white background.

Color Contrast Check

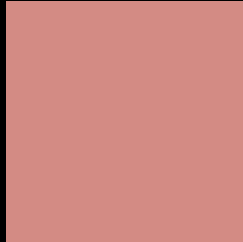
Large Text (above 18pt) WCAG AA × Fail

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 40.2614, 33.9801, 26.2666 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 40.2614, 33.9801, 26.2666

Background



This preview shows how black text looks on a background with the XYZ color 40.2614, 33.9801, 26.2666.



This preview shows how white text looks on a background with the XYZ color 40.2614, 33.9801,

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

40.2614, 33.9801, 26.2666

Protanopia

32.3817, 34.0364, 30.0623

Deuteranopia

34.7859, 34.1355, 25.8745



Tritanopia

41.3635, 33.9950, 31.9854

Trichromacy



Original Color

40.2614, 33.9801, 26.2666

Protanomaly

34.7852, 33.5928, 28.6954

Deuteranomaly

36.5228, 33.8436, 26.0802

Tritanomaly

41.1223, 34.1270, 30.0110

Monochromacy



Original Color

40.2614, 33.9801, 26.2666

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.3237, 34.2422, 33.6018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2614, 33.9801, 26.2666 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(211, 139, 132)` looks like.

```
.text, #text, p{  
    color:rgb(211, 139, 132)  
}
```

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(211, 139, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 139, 132) }
```

Border

The CSS property to change the border of an element to XYZ 40.2614, 33.9801, 26.2666 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(211, 139, 132) }
```


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

```
.border{ border-color:rgb(211, 139, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 139, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 139, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 139, 132);  
box-shadow:4px 4px 4px 4px rgb(211, 139,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2614, 33.9801, 26.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 139, 132) }
```

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

```
.background{ background-color: rgb(211,  
139, 132) }
```

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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