

Converting Colors

XYZ(40.8863, 40.0926, 24.9857)

Have a look what the booklet for
XYZ(40.8863, 40.0926, 24.9857)
contains.

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Color

**XYZ(40.8863, 40.0926,
24.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A37D
RGB	201, 163, 125
RGB Percent	79%, 64%, 49%
CMY	0.2118, 0.3608, 0.5098
CMYK	0.00, 0.19, 0.38, 0.21
HSL	30°, 41%, 64%
HSV	30°, 38%, 79%
XYZ	40.8863, 40.0926, 24.9857
YIQ	170.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

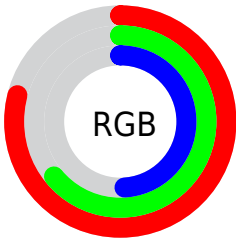
Format	Color
R _Y B	201, 201, 125
Decimal	13214589
CIE Lab	69.54, 8.75, 25.03
CIE LCh	70, 26.517, 70.722
Yxy	40.0926, 0.3858, 0.3784
Android (android.graphics.Color)	4291404669 (0xFFC9A37D)
YUV	170.0300, -22.1998, 27.1607
Hunter-Lab	63.3187, 4.4537, 20.9271

Details

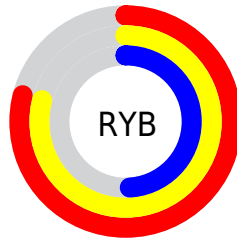
The XYZ color **40.8863, 40.0926, 24.9857** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.0968, 34.7702, 60.2781**, and the grayscale version is **38.3193, 40.3149, 43.9030**.

A 20% lighter version of the original color is **74.3473, 74.6172, 52.6035**, and **18.8430, 18.0017, 9.3190** is the 20% darker color. If you saturate the color by 10%, you get **38.0163, 36.2036, 18.3224**, and if you desaturate by 10%, it is **44.1600, 44.3729, 33.0664**.

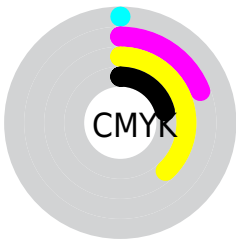
Distribution



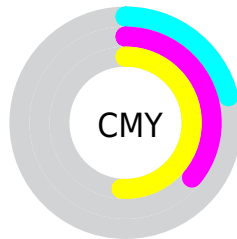
- Red (79%)
- Green (64%)
- Blue (49%)



- Red (79%)
- Yellow (79%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (21%)





- Cyan (21%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8863, 40.0926, 24.9857 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 40.8863, 40.0926, 24.9857 by changing the saturation by 10% instead.


 40.8863, 40.0926,
24.9857


 40.8863, 40.0926,
24.9857


340.9159,
346.5137, 291.2121

 28.4175, 27.6108,
15.8475


 75.7871, 75.3045,
52.5979

 18.7827, 18.0324,
9.2631


 98.9498, 98.8033,
71.9089

 11.6164, 10.9733,
4.8140


 126.4078,
126.7433, 95.4479

 6.5534, 6.0489,
2.0817

158.5266,
159.5088, 123.6335

 3.2282, 2.8748,
0.6049

195.6714,
197.4842, 156.8841

 1.2756, 1.0667,
0.0000

238.2077,

 0.1648, 0.0000,

241.0538, 195.6184

0.0000

286.5007,
290.6022, 240.2549

■ 0.0000, 0.0000,
0.0000

■ 40.8863, 40.0926,
24.9857

■ 40.8863, 40.0926,
24.9857

■ 38.0163, 36.2036,
18.3224

■ 44.1600, 44.3729,
33.0664

■ 35.5278, 32.6874,
12.9898

■ 47.8520, 49.0509,
42.6392

■ 33.4011, 29.5321,
8.8956


■ 51.9798, 54.1401,
53.7764


■ 31.6129, 26.7227,
5.9344


■ 56.5587, 59.6514,
66.5449

■ 30.1361, 24.2426,
3.9827


■ 61.6036, 65.5952,
81.0076


 28.9332, 22.0705,
2.8615

 67.1283, 71.9817,
97.2242

 28.6939, 21.6304,
2.6628

 71.3747, 78.1120,
105.9230

 74.3066, 83.9759,
106.9003

 77.4032, 90.1691,
107.9325

Harmonies

Analogous

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



44.6841, 40.0926, 30.0232



40.8863, 40.0926, 24.9857



36.5974, 40.0926, 24.3642

Triad

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



40.8863, 40.0926, 24.9857



30.5856, 40.0926, 48.1833



43.7266, 40.0926, 64.0428

Complementary

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



40.8863, 40.0926, 24.9857



32.0968, 34.7702, 60.2781

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.



39.6571, 40.0926, 71.1188



40.8863, 40.0926, 24.9857



32.2089, 40.0926, 60.8890

Square

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



40.8863, 40.0926, 24.9857



30.8606, 40.0926, 36.3322



35.4562, 40.0926, 69.8674



46.4068, 40.0926, 51.8988

Rectangle

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



40.8863, 40.0926, 24.9857



34.0587, 40.0926, 26.3789



35.4562, 40.0926, 69.8674



42.4636, 40.0926, 67.1871

Sweetspot

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



40.8873, 40.0945, 24.9865



86.5466, 89.7001, 85.3892



38.0321, 29.7295, 38.3845



18.3144, 18.9411, 17.7080



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.



40.8873, 40.0945, 24.9865



66.1021, 63.3809, 33.6575



48.6759, 55.6716, 27.5827



11.0647, 11.4986, 11.1990



18.1332, 13.7835, 1.7048



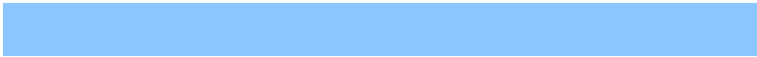
0.9310, 0.7975, 0.1049

Inverse Universe

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



32.0968, 34.7702, 60.2781



49.0143, 53.0310, 102.2604



26.3341, 23.2447, 58.3571



10.4874, 11.1489, 13.5167



9.6153, 8.6245, 35.9023



0.5277, 0.5532, 1.7241

Previews

White Background



This preview shows how the XYZ color 40.8863, 40.0926, 24.9857 looks on a white background.

Color Contrast Check

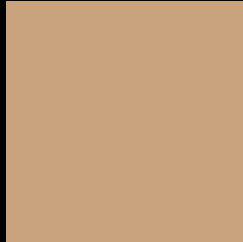
Large Text (above 18pt) WCAG AA × Fail

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 40.8863, 40.0926, 24.9857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

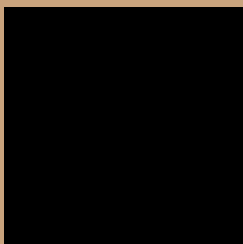
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8863, 40.0926, 24.9857

Background



This preview shows how black text looks on a background with the XYZ color 40.8863, 40.0926, 24.9857.



This preview shows how white text looks on a background with the XYZ color 40.8863, 40.0926,

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

40.8863, 40.0926, 24.9857

Protanopia

37.5624, 40.2530, 26.2119

Deuteranopia

40.8863, 40.0926, 24.9857



Tritanopia

44.6720, 40.1003, 42.9218

Trichromacy



Original Color

40.8863, 40.0926, 24.9857

Protanomaly

38.6357, 39.9886, 25.7609

Deuteranomaly

40.8863, 40.0926, 24.9857

Tritanomaly

43.0497, 39.9336, 35.5760

Monochromacy



Original Color

40.8863, 40.0926, 24.9857

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7075, 39.7943, 36.2128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8863, 40.0926, 24.9857 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(201, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 125)  
}
```

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(201, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 125) }
```

Border

The CSS property to change the border of an element to XYZ 40.8863, 40.0926, 24.9857 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(201, 163, 125) }
```


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

```
.border{ border-color:rgb(201, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8863, 40.0926, 24.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 125) }
```

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

```
.background{ background-color: rgb(201,  
163, 125) }
```

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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