

Converting Colors

XYZ(41.4601, 42.0875, 25.1046)

Have a look what the booklet for
XYZ(41.4601, 42.0875, 25.1046)
contains.

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Color

**XYZ(41.3792, 41.9733,
24.9895)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A97C
RGB	199, 169, 124
RGB Percent	78%, 66%, 49%
CMY	0.2196, 0.3372, 0.5137
CMYK	0.00, 0.15, 0.38, 0.22
HSL	36°, 40%, 63%
HSV	36°, 38%, 78%
XYZ	41.3792, 41.9733, 24.9895
YIQ	172.8400, 32.3250, -7.6350

Conversions

Conversions Part 2

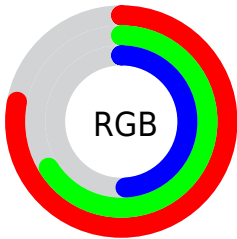
Format	Color
RYB	174, 199, 124
Decimal	13085052
CIELab	70.85, 4.59, 27.29
CIELCh	71, 27.678, 80.458
Yxy	41.9733, 0.3819, 0.3874
Android (android.graphics.Color)	4291275132 (0xFFC7A97C)
YUV	172.8400, -24.0781, 22.9423
Hunter-Lab	64.7868, 0.6307, 22.4815

Details

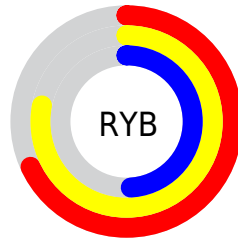
The XYZ color **41.3792, 41.9733, 24.9895** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.1761, 31.5186, 58.5259**, and the grayscale version is **39.7471, 41.8170, 45.5388**.

A 20% lighter version of the original color is **75.8315, 77.7456, 52.6046**, and **19.1329, 19.1599, 9.3464** is the 20% darker color. If you saturate the color by 10%, you get **38.8100, 38.6496, 18.5384**, and if you desaturate by 10%, it is **44.2947, 45.5827, 32.8099**.

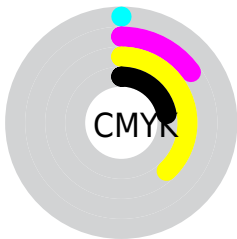
Distribution



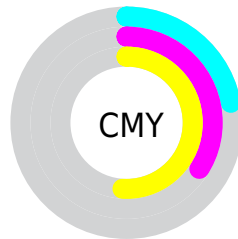
- Red (78%)
- Green (66%)
- Blue (49%)



- Red (68%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3792, 41.9733, 24.9895 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 41.3792, 41.9733, 24.9895 by changing the saturation by 10% instead.


 41.3792, 41.9733,
24.9895


 41.3792, 41.9733,
24.9895


342.9386,
354.3722, 291.2316

 28.8045, 29.0804,
15.8503


 76.5303, 78.1592,
52.6041

 19.0765, 19.1416,
9.2651


 99.8373, 102.2210,
71.9166

 11.8299, 11.7727,
4.8153


 127.4526,
130.7745, 95.4572

 6.6993, 6.5891,
2.0825

159.7413,
164.2042, 123.6445

 3.3194, 3.2065,
0.6053

197.0689,
202.8944, 156.8971

 1.3249, 1.2405,
0.0000

239.8008,

 0.2017, 0.0944,

247.2296, 195.6334

0.0000

288.3022,
297.5941, 240.2721

■ 0.0000, 0.0000,
0.0000

■ 41.3792, 41.9733,
24.9895

■ 41.3792, 41.9733,
24.9895

■ 38.8100, 38.6496,
18.5384

■ 44.2947, 45.5827,
32.8099

■ 36.5669, 35.5966,
13.3725

■ 47.5688, 49.4808,
42.0717

■ 34.6323, 32.8060,
9.4025

■ 51.2173, 53.6778,
52.8449

■ 32.9852, 30.2668,
6.5262

■ 55.2538, 58.1814,
65.1944

■ 31.6014, 27.9665,
4.6243

■ 59.6913, 62.9992,
79.1810

■ 30.4465, 25.8885,
3.5244

■ 64.5419, 68.1382,
94.8625

■ 30.1992, 25.4342,
3.3176

■ 68.4517, 73.0592,
105.1018

■ 70.6501, 77.4560,
105.8346

■ 72.9501, 82.0560,
106.6013

Harmonies

Analogous

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



45.7970, 41.9733, 28.8127



41.3792, 41.9733, 24.9895



36.8809, 41.9733, 25.8331

Triad

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



41.3792, 41.9733, 24.9895



32.1650, 41.9733, 55.1437



47.1144, 41.9733, 63.8080

Complementary

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



41.3792, 41.9733, 24.9895



30.1761, 31.5186, 58.5259

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.



43.0677, 41.9733, 73.7937



41.3792, 41.9733, 24.9895



34.5221, 41.9733, 68.1617

Square

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



41.3792, 41.9733, 24.9895



31.7891, 41.9733, 41.6284



38.4455, 41.9733, 75.5243



49.2721, 41.9733, 50.0326

Rectangle

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



41.3792, 41.9733, 24.9895



34.4237, 41.9733, 29.0047



38.4455, 41.9733, 75.5243



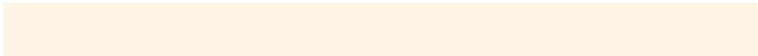
45.9159, 41.9733, 67.8222

Sweetspot

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



41.3803, 41.9753, 24.9904



87.3833, 91.3734, 85.6681



36.5938, 28.8909, 34.2200



18.5139, 19.3400, 17.7745



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.



41.3803, 41.9753, 24.9904



68.8189, 68.8145, 34.5631



45.6734, 53.4433, 26.9776



11.1543, 11.6777, 11.2289



19.5064, 16.5300, 2.1625



0.9931, 0.9217, 0.1256

Inverse Universe

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



30.1761, 31.5186, 58.5259



46.4964, 47.9951, 101.4211



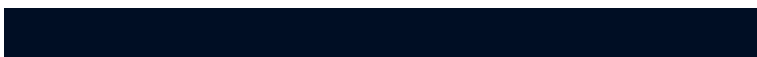
26.9545, 23.4046, 57.1296



10.3990, 10.9721, 13.4872



8.5346, 6.4631, 35.5420



0.4747, 0.4471, 1.7064

Previews

White Background



This preview shows how the XYZ color 41.3792, 41.9733, 24.9895 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 41.3792, 41.9733, 24.9895 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 41.3792, 41.9733, 24.9895

Background



This preview shows how black text looks on a background with the XYZ color 41.3792, 41.9733, 24.9895.



This preview shows how white text looks on a background with the XYZ color 41.3792, 41.9733,

24.9895.

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

41.3792, 41.9733, 24.9895

Protanopia

39.2030, 41.9583, 25.7712

Deuteranopia

42.7915, 41.8749, 25.2293



Tritanopia

45.5600, 41.7732, 46.2192

Trichromacy



Original Color

41.3792, 41.9733, 24.9895

Protanomaly

39.9401, 42.0621, 25.4158

Deuteranomaly

42.1490, 41.8146, 25.2516

Tritanomaly

43.8130, 41.8671, 37.2245

Monochromacy



Original Color

41.3792, 41.9733, 24.9895

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9603, 41.8167, 36.9756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3792, 41.9733, 24.9895 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(199, 169, 124)` looks like.

```
.text, #text, p{  
    color:rgb(199, 169, 124)  
}
```

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(199, 169, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 169, 124) }
```

Border

The CSS property to change the border of an element to XYZ 41.3792, 41.9733, 24.9895 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(199, 169, 124) }
```


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

```
.border{ border-color:rgb(199, 169, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 169, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 169, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 169, 124);  
box-shadow:4px 4px 4px 4px rgb(199, 169,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3792, 41.9733, 24.9895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 169, 124) }
```

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

```
.background{ background-color: rgb(199,  
169, 124) }
```

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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