Converting Colors

XYZ(41.0735, 39.3444, 24.0756)

Have a look what the booklet for XYZ(41.0735, 39.3444, 24.0756) contains.

Color

XYZ(41.0478, 39.4090, 24.1821)

Conversions

Conversions Part 1

Format	Color
Hex	CCA07B
RGB	204, 160, 123
RGB Percent	80%, 63%, 48%
CMY	0.2000, 0.3725, 0.5176
CMYK	0.00, 0.22, 0.40, 0.20
HSL	27°, 44%, 64%
HSV	27°, 40%, 80%
XYZ	41.0478, 39.4090, 24.1821
YIQ	168.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

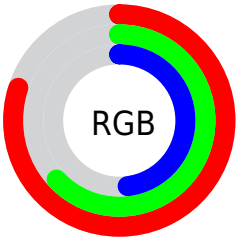
Format	Color
RYB	204, 191, 123
Decimal	13410427
CIELab	69.05, 11.36, 25.51
CIELCh	69, 27.928, 66.003
Yxy	39.4090, 0.3923, 0.3766
Android (android.graphics.Color)	4291600507 (0xFFCCA07B)
YUV	168.9380, -22.6474, 30.7494
Hunter-Lab	62.7766, 6.8570, 21.1046

Details

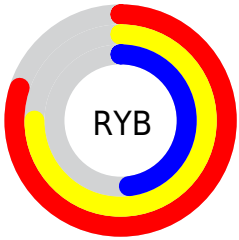
The XYZ color 41.0478, 39.4090, 24.1821 is a light color, and the websafe version is hex CC9966. A complement of this color would be 32.8857, 36.2068, 62.3821, and the grayscale version is 37.7775, 39.7449, 43.2822.

A 20% lighter version of the original color is 73.3769, 72.9955, 51.2964, and 18.9174, 17.7276, 8.9033 is the 20% darker color. If you saturate the color by 10%, you get 38.0656, 35.2798, 17.5307, and if you desaturate by 10%, it is 44.4693, 43.9909, 32.2936.

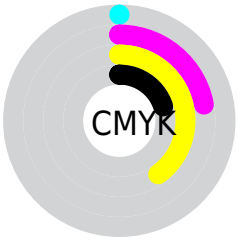
Distribution



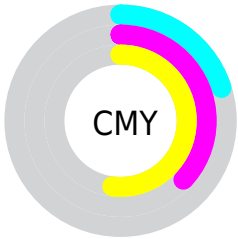
- Red (80%)
- Green (63%)
- Blue (48%)



- Red (80%)
- Yellow (75%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0478, 39.4090, 24.1821 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 41.0478, 39.4090, 24.1821 by changing the saturation by 10% instead.

41.0478, 39.4090, 24.1821

41.0478, 39.4090, 24.1821

341.5795, 343.6263, 287.0560

28.5443, 27.0781, 15.2553

76.0307, 74.2627, 51.2747

18.8789, 17.6319, 8.8502

99.2408, 97.5543, 70.2777

11.6863, 10.6860, 4.5481

126.7504, 125.2682, 93.4764

6.6011, 5.8561, 1.9306

158.9250, 157.7888, 121.2895

3.2580, 2.7578, 0.5121

196.1298, 195.5005, 154.1355

1.2916, 1.0066, 0.0000

238.7303,

0.1769, 0.0000,

238.7877, 192.4328

0.0000

287.0917, 288.0348, 236.6002

0.0000, 0.0000, 0.0000

41.0478, 39.4090, 24.1821

41.0478, 39.4090, 24.1821

38.0656, 35.2798, 17.5307

44.4693, 43.9909, 32.2936

35.4987, 31.5820, 12.2478

48.3467, 49.0344, 41.9444

33.3248, 28.3008, 8.2351

52.6992, 54.5554, 53.2109

31.5181, 25.4182, 5.3798

57.5438, 60.5671, 66.1634

30.0485, 22.9140, 3.5487

62.8969, 67.0822, 80.8683

28.8656, 20.7595, 2.5029

28.8335, 20.7006, 2.4759

68.7738, 74.1127, 97.3883

73.4007, 80.9551, 106.3650

76.7189, 87.5915, 107.4711

78.7119, 91.5774, 108.1354

Harmonies

Analogous

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

44.8185, 39.4090, 30.0507

41.0478, 39.4090, 24.1821

36.5689, 39.4090, 22.8530

Triad

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

41.0478, 39.4090, 24.1821

29.5718, 39.4090, 45.5251

42.7182, 39.4090, 65.9579

Complementary

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

41.0478, 39.4090, 24.1821

32.8857, 36.2068, 62.3821

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.

38.3595, 39.4090, 72.2039

41.0478, 39.4090, 24.1821

30.9494, 39.4090, 58.9959

Square

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

41.0478, 39.4090, 24.1821

30.1677, 39.4090, 33.6907

34.0821, 39.4090, 69.4322

45.8351, 39.4090, 53.6735

Rectangle

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

41.0478, 39.4090, 24.1821

33.8278, 39.4090, 24.4304

34.0821, 39.4090, 69.4322

41.3371, 39.4090, 68.9336

Sweetspot

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

41.0488, 39.4109, 24.1829

85.4340, 88.0338, 83.2951

39.0111, 29.8141, 40.5253

18.0780, 18.5796, 17.2855

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.

41.0488, 39.4109, 24.1829

63.5401, 59.1304, 30.1101

49.1198, 55.5529, 26.8732

11.6275, 12.0439, 11.7913

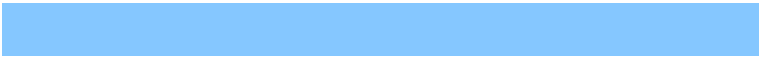
18.2388, 13.2106, 1.5886

1.0165, 0.8326, 0.1071

Inverse Universe

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

32.8857, 36.2068, 62.3821



48.1022, 53.0588, 102.3139

26.6637, 23.7627, 60.3081

11.0981, 11.8367, 14.2702

10.5186, 10.0611, 37.3439

0.6180, 0.6697, 1.9516

Previews

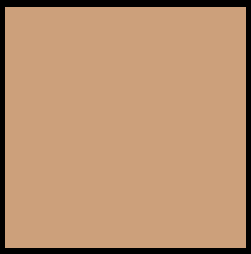
White Background

This preview shows how the XYZ color 41.0478, 39.4090, 24.1821 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



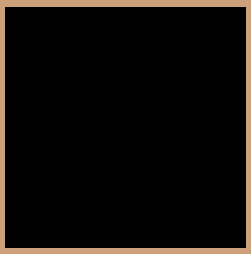
This preview shows how the XYZ color 41.0478, 39.4090, 24.1821 looks on a black background.

Color Contrast Check

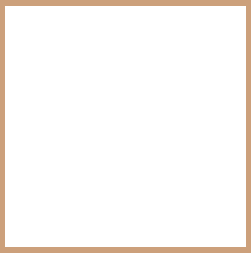
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 41.0478, 39.4090, 24.1821 Background



This preview shows how black text looks on a background with the XYZ color 41.0478, 39.4090, 24.1821.



This preview shows how white text looks on a background with the XYZ color 41.0478, 39.4090,

24.1821.

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

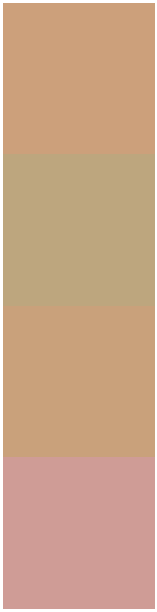
Original Color
41.0478, 39.4090, 24.1821

Protanopia
37.0748, 39.7320, 25.7937

Deuteranopia
40.3149, 39.5501, 24.2480

Tritanopia
44.4510, 39.2743, 41.3143

Trichromacy



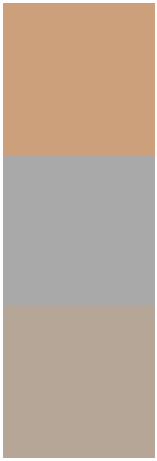
Original Color
41.0478, 39.4090, 24.1821

Protanomaly
38.3884, 39.5976, 25.3585

Deuteranomaly
40.4074, 39.3373, 24.2020

Tritanomaly
43.1256, 39.2443, 34.1561

Monochromacy



Original Color
41.0478, 39.4090, 24.1821

Achromatopsia
37.7116, 39.6755, 43.2066

Achromatomaly
38.5951, 39.4845, 35.2929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0478, 39.4090, 24.1821 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(204, 160, 123) looks like.

```
.text, #text, p{
    color:rgb(204, 160, 123)
}
```

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(204, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 160, 123) }
```

Border

The CSS property to change the border of an element to XYZ 41.0478, 39.4090, 24.1821 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(204, 160, 123) }
```

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

```
.border{ border-color:rgb(204, 160, 123) }
```

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

Here you see how a box with a 4 pixel rgb(204, 160, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 160, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 160, 123); box-shadow:4px 4px 4px 4px rgb(204, 160, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0478, 39.4090, 24.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(204, 160, 123) }
```

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

```
.background{ background-color:rgb(204,
160, 123) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor