

# Converting Colors

XYZ(41.1142, 39.4130, 29.9024)

Have a look what the booklet for  
XYZ(41.1142, 39.4130, 29.9024)  
contains.

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# Color

**XYZ(41.0504, 39.2851,  
29.8453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8A08B
RGB	200, 160, 139
RGB Percent	78%, 63%, 55%
CMY	0.2157, 0.3725, 0.4549
CMYK	0.00, 0.20, 0.30, 0.22
HSL	21°, 36%, 66%
HSV	21°, 30%, 78%
XYZ	41.0504, 39.2851, 29.8453
YIQ	169.5660, 30.5810, 1.9490

# Conversions

## Conversions Part 2

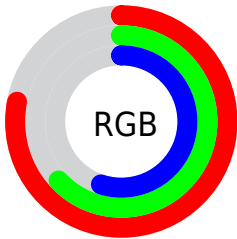
Format	Color
R <sub>Y</sub> B	200, 171, 139
Decimal	13148299
CIE Lab	68.96, 11.75, 16.56
CIE LCh	69, 20.306, 54.641
Yxy	39.2851, 0.3726, 0.3566
Android (android.graphics.Color)	4291338379 (0xFFC8A08B)
YUV	169.5660, -15.0690, 26.6906
Hunter-Lab	62.6778, 7.2211, 15.6424

# Details

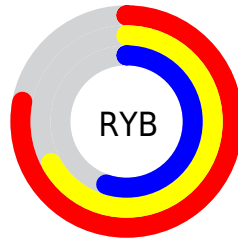
The XYZ color **41.0504, 39.2851, 29.8453** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1923, 41.8978, 60.7704**, and the grayscale version is **38.0553, 40.0372, 43.6005**.

A 20% lighter version of the original color is **75.1661, 73.7111, 60.7181**, and **18.8428, 17.4661, 11.8294** is the 20% darker color. If you saturate the color by 10%, you get **37.5662, 34.4452, 22.1218**, and if you desaturate by 10%, it is **45.0438, 44.7153, 39.0583**.

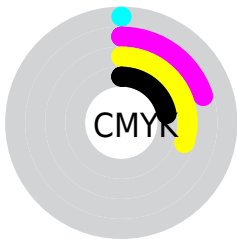
# Distribution



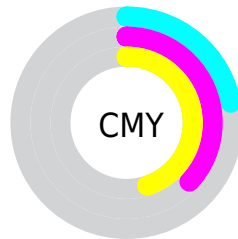
- Red (78%)
- Green (63%)
- Blue (55%)



- Red (78%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (22%)




- Cyan (22%)
- Magenta (37%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0504, 39.2851, 29.8453 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 41.0504, 39.2851, 29.8453 by changing the saturation by 10% instead.





 41.0504, 39.2851,  
29.8453


 41.0504, 39.2851,  
29.8453


341.5902,  
343.1011, 315.3675


 28.5463, 26.9816,  
19.4701


 76.0346, 74.0737,  
60.4756

 18.8804, 17.5594,  
11.8302


 99.2455, 97.3275,  
81.5677

 11.6874, 10.6341,  
6.5071


 126.7559,  
125.0002, 107.0693

 6.6019, 5.8214,  
3.0821

158.9314,  
157.4762, 137.3989

 3.2585, 2.7368,  
1.1367

196.1372,  
195.1399, 172.9749

 1.2919, 0.9959,  
0.0000

238.7387,

 0.1771, 0.0000,

238.3757, 214.2160

0.0000

287.1012,  
287.5680, 261.5407

■ 0.0000, 0.0000,  
0.0000

■ 41.0504, 39.2851,  
29.8453

■ 41.0504, 39.2851,  
29.8453

■ 37.5662, 34.4452,  
22.1218

■ 45.0438, 44.7153,  
39.0583

■ 34.5661, 30.1693,  
15.8061

■ 49.5640, 50.7497,  
49.8319

■ 32.0275, 26.4375,  
10.8123


■ 54.6313, 57.4088,  
62.2353

■ 29.9243, 23.2260,  
7.0437


■ 60.2640, 64.7104,  
76.3328


■ 28.2275, 20.5095,  
4.3906


■ 66.4796, 72.6715,  
92.1855

 26.9036, 18.2597,  
2.7227

 72.6438, 81.0481,  
106.4229

 25.9394, 16.5193,  
1.8214

 76.6165, 88.9936,  
107.7471

 77.6294, 91.0194,  
108.0847

# Harmonies

## Analogous

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



43.2745, 39.2851, 35.7782



41.0504, 39.2851, 29.8453



37.9224, 39.2851, 27.3955

# Triad

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



41.0504, 39.2851, 29.8453



31.4901, 39.2851, 41.1349



39.9894, 39.2851, 61.0669

# Complementary

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



41.0504, 39.2851, 29.8453



37.1923, 41.8978, 60.7704

# 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.



36.7622, 39.2851, 63.0432



41.0504, 39.2851, 29.8453



31.9733, 39.2851, 50.6287

# Square

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



41.0504, 39.2851, 29.8453



32.4992, 39.2851, 33.2841



33.8589, 39.2851, 58.9847



42.6376, 39.2851, 53.9171



# Rectangle

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



41.0504, 39.2851, 29.8453



35.7911, 39.2851, 27.7686



33.8589, 39.2851, 58.9847



38.9315, 39.2851, 62.3980

# Sweetspot

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



41.0514, 39.2869, 29.8461



86.9587, 89.3812, 89.0503



41.2565, 34.0267, 47.3958



18.3488, 18.7822, 18.4216



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.



41.0514, 39.2869, 29.8461



66.7427, 62.0219, 42.0103



46.8571, 50.8983, 31.7813



10.9275, 11.2242, 11.1533



16.5689, 10.6550, 1.1833



0.8522, 0.6398, 0.0786

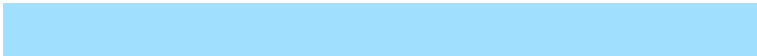


# Inverse Universe

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



37.1923, 41.8978, 60.7704



58.9350, 67.2757, 104.4870



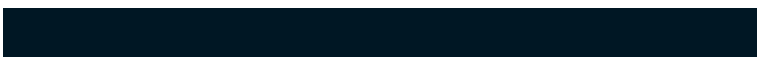
31.8470, 31.2072, 58.9886



10.6274, 11.4288, 13.5633



11.8870, 13.1678, 36.6595



0.6284, 0.7546, 1.7577



# Previews

## White Background



This preview shows how the XYZ color 41.0504, 39.2851, 29.8453 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 41.0504, 39.2851, 29.8453 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

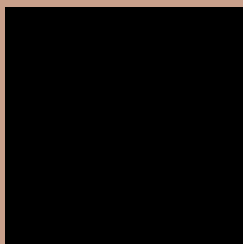
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 41.0504, 39.2851, 29.8453**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.0504, 39.2851, 29.8453.



This preview shows how white text looks on a background with the XYZ color 41.0504, 39.2851,



# 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

41.0504, 39.2851, 29.8453

### Protanopia

37.0920, 39.3355, 31.6242

### Deuteranopia

40.0862, 39.3068, 29.9003



## Tritanopia

43.5850, 39.3006, 42.3344

# Trichromacy



## Original Color

41.0504, 39.2851, 29.8453

## Protanomaly

38.3452, 39.1775, 31.1322

## Deuteranomaly

40.4310, 39.2241, 29.8662

## Tritanomaly

42.4999, 39.1048, 37.2063

# Monochromacy



## Original Color

41.0504, 39.2851, 29.8453

## Achromatopsia

38.2080, 40.1978, 43.7754

## Achromatomaly

38.9503, 39.5994, 38.3914

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.0504, 39.2851, 29.8453 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(200, 160, 139)` looks like.

```
.text, #text, p{  
    color:rgb(200, 160, 139)  
}
```

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(200, 160, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 160, 139) }
```

## Border

The CSS property to change the border of an element to XYZ 41.0504, 39.2851, 29.8453 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(200, 160, 139) }
```



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

```
.border{ border-color:rgb(200, 160, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 160, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 160, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 160, 139);  
box-shadow:4px 4px 4px 4px rgb(200, 160,  
139) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.0504, 39.2851, 29.8453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 160, 139) }
```

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

```
.background{ background-color: rgb(200,  
160, 139) }
```

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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