

Converting Colors

XYZ(39.4725, 38.8407, 24.8186)

Have a look what the booklet for
XYZ(39.4725, 38.8407, 24.8186)
contains.

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Color

**XYZ(39.4725, 38.8407,
24.8186)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A17D
RGB	197, 161, 125
RGB Percent	77%, 63%, 49%
CMY	0.2275, 0.3686, 0.5098
CMYK	0.00, 0.18, 0.37, 0.23
HSL	30°, 38%, 63%
HSV	30°, 37%, 77%
XYZ	39.4725, 38.8407, 24.8186
YIQ	167.6600, 33.0120, -3.5640

Conversions

Conversions Part 2

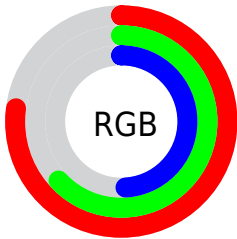
Format	Color
RYB	197, 197, 125
Decimal	12951933
CIELab	68.64, 8.23, 23.75
CIELCh	69, 25.138, 70.887
Yxy	38.8407, 0.3827, 0.3766
Android (android.graphics.Color)	4291142013 (0xFFC5A17D)
YUV	167.6600, -21.0314, 25.7312
Hunter-Lab	62.3223, 3.9908, 20.0146

Details

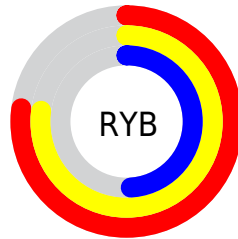
The XYZ color **39.4725, 38.8407, 24.8186** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2800, 33.8798, 57.7142**, and the grayscale version is **37.1420, 39.0763, 42.5541**.

A 20% lighter version of the original color is **73.8317, 73.5861, 52.4317**, and **18.0358, 17.4244, 9.2501** is the 20% darker color. If you saturate the color by 10%, you get **36.6831, 35.0800, 18.2837**, and if you desaturate by 10%, it is **42.6491, 42.9761, 32.7149**.

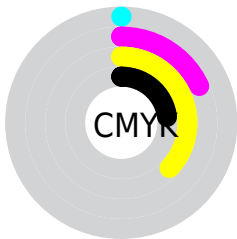
Distribution



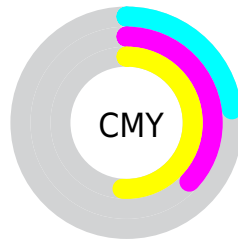
- Red (77%)
- Green (63%)
- Blue (49%)



- Red (77%)
- Yellow (77%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4725, 38.8407, 24.8186 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 39.4725, 38.8407, 24.8186 by changing the saturation by 10% instead.


 39.4725, 38.8407,
24.8186


 39.4725, 38.8407,
24.8186


335.0679,
341.2127, 290.3520

 27.3099, 26.6358,
15.7242


 73.6490, 73.3949,
52.3233

 17.9439, 17.2999,
9.1769


 96.3937, 96.5130,
71.5706

 11.0091, 10.4485,
4.7584


 123.3964,
124.0377, 95.0392

 6.1403, 5.6974,
2.0500

155.0224,
156.3532, 123.1478

 2.9721, 2.6619,
0.5857

191.6373,
193.8441, 156.3148

 1.1390, 0.9579,
0.0000

233.6062,

 0.0574, 0.0000,

236.8948, 194.9589

0.0000

281.2946,
285.8895, 239.4984

■ 0.0000, 0.0000,
0.0000

■ 39.4725, 38.8407,
24.8186

■ 39.4725, 38.8407,
24.8186

■ 36.6831, 35.0800,
18.2837

■ 42.6491, 42.9761,
32.7149

■ 34.2599, 31.6763,
13.0286

■ 46.2266, 47.4922,
42.0428

■ 32.1845, 28.6185,
8.9667


■ 50.2215, 52.4016,
52.8707


■ 30.4348, 25.8926,
5.9993


■ 54.6484, 57.7147,
65.2617


■ 28.9859, 23.4828,
4.0118


■ 59.5212, 63.4415,
79.2754


 27.8060, 21.3707,
2.8547

 64.8530, 69.5915,
94.9680

 27.4417, 20.7017,
2.5495

 69.3580, 75.6544,
105.5549

 72.1760, 81.2903,
106.4943

 75.1513, 87.2409,
107.4860

Harmonies

Analogous

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



42.9921, 38.8407, 29.5370



39.4725, 38.8407, 24.8186



35.4942, 38.8407, 24.2542

Triad

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



39.4725, 38.8407, 24.8186



29.9184, 38.8407, 46.5549



42.1410, 38.8407, 61.0595

Complementary

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



39.4725, 38.8407, 24.8186



31.2800, 33.8798, 57.7142

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.



38.3772, 38.8407, 67.5893



39.4725, 38.8407, 24.8186



31.4428, 38.8407, 58.2713

Square

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



39.4725, 38.8407, 24.8186



30.1653, 38.8407, 35.5307



34.4741, 38.8407, 66.4862



44.6075, 38.8407, 49.8585

Rectangle

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



39.4725, 38.8407, 24.8186



33.1362, 38.8407, 26.1707



34.4741, 38.8407, 66.4862



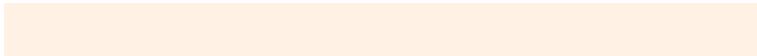
40.9748, 38.8407, 63.9570

Sweetspot

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



39.4735, 38.8425, 24.8194



86.5466, 89.7001, 85.3892



36.7929, 29.1112, 37.3984



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.



39.4735, 38.8425, 24.8194



66.5847, 64.0410, 34.7590



46.6940, 53.2836, 27.2262



11.0647, 11.4986, 11.1990



18.1332, 13.7835, 1.7048



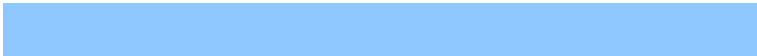
0.9310, 0.7975, 0.1049

Inverse Universe

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



31.2800, 33.8798, 57.7142



49.7420, 53.8396, 102.3781



25.8695, 23.0589, 55.9107



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 39.4725, 38.8407, 24.8186 looks on a white background.

Color Contrast Check

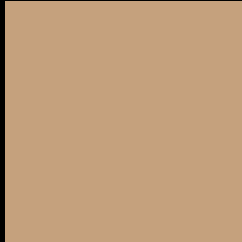
Large Text (above 18pt) WCAG AA × Fail

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 39.4725, 38.8407, 24.8186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

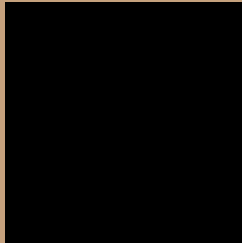
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4725, 38.8407, 24.8186

Background



This preview shows how black text looks on a background with the XYZ color 39.4725, 38.8407, 24.8186.



This preview shows how white text looks on a background with the XYZ color 39.4725, 38.8407,

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

39.4725, 38.8407, 24.8186

Protanopia

36.3054, 38.7797, 25.9938

Deuteranopia

39.7352, 38.9762, 24.8309



Tritanopia

42.7838, 38.6502, 41.7645

Trichromacy



Original Color

39.4725, 38.8407, 24.8186

Protanomaly

37.5356, 38.8817, 25.6052

Deuteranomaly

39.7352, 38.9762, 24.8309

Tritanomaly

41.5439, 38.6603, 34.9783

Monochromacy



Original Color

39.4725, 38.8407, 24.8186

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7130, 38.7610, 35.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4725, 38.8407, 24.8186 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(197, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 161, 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(197, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 161, 125) }
```

Border

The CSS property to change the border of an element to XYZ 39.4725, 38.8407, 24.8186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

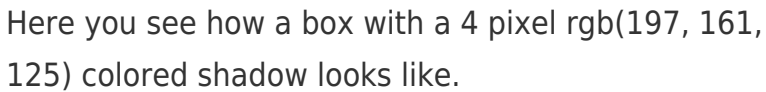
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 161, 125) }
```


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

```
.border{ border-color:rgb(197, 161, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 161, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 161, 125); box-shadow:4px 4px 4px 4px rgb(197, 161, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4725, 38.8407, 24.8186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 161, 125) }
```

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

```
.background{ background-color: rgb(197,  
161, 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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