

Converting Colors

XYZ(38.7825, 38.6626, 24.9067)

Have a look what the booklet for
XYZ(38.7825, 38.6626, 24.9067)
contains.

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Color

**XYZ(38.8701, 38.7907,
24.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A27D
RGB	194, 162, 125
RGB Percent	76%, 64%, 49%
CMY	0.2392, 0.3647, 0.5098
CMYK	0.00, 0.16, 0.36, 0.24
HSL	32°, 36%, 63%
HSV	32°, 36%, 76%
XYZ	38.8701, 38.7907, 24.8407
YIQ	167.3500, 30.9490, -4.7230

Conversions

Conversions Part 2

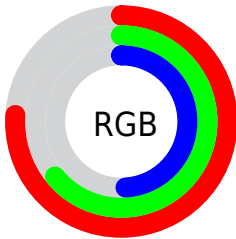
Format	Color
RYB	185, 194, 125
Decimal	12755581
CIELab	68.60, 6.48, 23.65
CIELCh	69, 24.525, 74.679
Yxy	38.7907, 0.3792, 0.3784
Android (android.graphics.Color)	4290945661 (0xFFC2A27D)
YUV	167.3500, -20.8785, 23.3721
Hunter-Lab	62.2822, 2.4074, 19.9502

Details

The XYZ color **38.8701, 38.7907, 24.8407** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2515, 32.3677, 55.6920**, and the grayscale version is **36.9903, 38.9167, 42.3802**.

A 20% lighter version of the original color is **72.6324, 73.3493, 52.4492**, and **17.5279, 17.1626, 9.2264** is the 20% darker color. If you saturate the color by 10%, you get **36.2217, 35.2872, 18.4293**, and if you desaturate by 10%, it is **41.8760, 42.6214, 32.5664**.

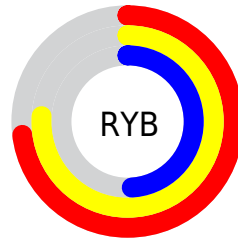
Distribution



Red (76%)

Green (64%)

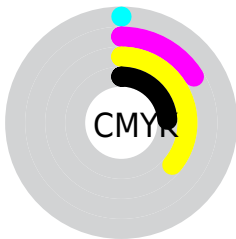
Blue (49%)



Red (73%)

Yellow (76%)

Blue (49%)

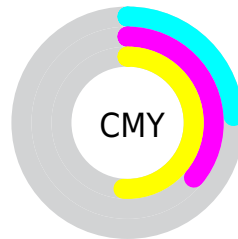


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8701, 38.7907, 24.8407 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 38.8701, 38.7907, 24.8407 by changing the saturation by 10% instead.

■ 38.8701, 38.7907,
24.8407

■ 38.8701, 38.7907,
24.8407

332.5546,
340.9998, 290.4659

■ 26.8390, 26.5969,
15.7405

■ 72.7352, 73.3185,
52.3596

■ 17.5883, 17.2707,
9.1883

■ 95.2998, 96.4213,
71.6153

■ 10.7527, 10.4277,
4.7657

■ 122.1063,
123.9292, 95.0933

■ 5.9669, 5.6835,
2.0542

153.5201,
156.2267, 123.2121

■ 2.8654, 2.6536,
0.5883

189.9064,
193.6981, 156.3902

■ 1.0830, 0.9537,
0.0000

231.6307,

■ 0.0108, 0.0000,

236.7278, 195.0462

0.0000

279.0583,
285.7003, 239.5986

■ 0.0000, 0.0000,
0.0000

■ 38.8701, 38.7907,
24.8407

■ 38.8701, 38.7907,
24.8407

■ 36.2217, 35.2872,
18.4293

■ 41.8760, 42.6214,
32.5664

■ 33.9112, 32.0951,
13.2544

■ 45.2516, 46.7837,
41.6731

■ 31.9217, 29.2051,
9.2337

■ 49.0123, 51.2886,
52.2262

■ 30.2330, 26.6052,
6.2738

■ 53.1715, 56.1449,
64.2858

■ 28.8221, 24.2819,
4.2665

■ 57.7420, 61.3612,
77.9087

■ 27.6610, 22.2197,
3.0779

■ 62.7360, 66.9456,
93.1490

■ 27.2026, 21.3784,
2.6927

■ 67.2167, 72.5266,
105.0641

■ 69.7128, 77.5187,
105.8961

■ 72.3389, 82.7709,
106.7715

Harmonies

Analogous

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



42.4160, 38.7907, 28.9575



38.8701, 38.7907, 24.8407



35.0162, 38.7907, 24.7974

Triad

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



38.8701, 38.7907, 24.8407



30.1312, 38.7907, 47.8686



42.3513, 38.7907, 59.2688

Complementary

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



38.8701, 38.7907, 24.8407



30.2515, 32.3677, 55.6920

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.



38.7868, 38.7907, 66.3799



38.8701, 38.7907, 24.8407



31.8287, 38.7907, 59.0576

Square

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



38.8701, 38.7907, 24.8407



30.1500, 38.7907, 36.8536



34.9386, 38.7907, 66.2965



44.5195, 38.7907, 48.1195

Rectangle

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



38.8701, 38.7907, 24.8407



32.7966, 38.7907, 27.0272



34.9386, 38.7907, 66.2965



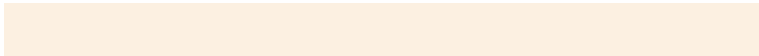
41.2661, 38.7907, 62.2907

Sweetspot

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



38.8711, 38.7925, 24.8415



84.8897, 88.2676, 83.5690



35.6848, 28.5781, 35.6235



18.3863, 19.0848, 17.7320



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.



38.8711, 38.7925, 24.8415



66.4814, 65.0844, 35.4027



44.6558, 51.2315, 26.9376



10.5105, 10.9524, 10.6219



17.9678, 14.2214, 1.7980



0.8447, 0.7513, 0.1005

Inverse Universe

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



30.2515, 32.3677, 55.6920



48.4693, 51.6641, 99.8874



25.8687, 23.0978, 54.1337



9.9046, 10.5005, 12.7896



8.8840, 7.5246, 34.5408



0.4527, 0.4629, 1.5154

Previews

White Background



This preview shows how the XYZ color 38.8701, 38.7907, 24.8407 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 38.8701, 38.7907, 24.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

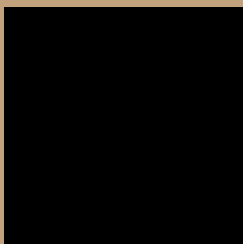
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8701, 38.7907, 24.8407

Background



This preview shows how black text looks on a background with the XYZ color 38.8701, 38.7907, 24.8407.



This preview shows how white text looks on a background with the XYZ color 38.8701, 38.7907,

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

38.8701, 38.7907, 24.8407

Protanopia

36.2399, 38.7534, 25.6488

Deuteranopia

39.7352, 38.9762, 24.8309



Tritanopia

42.5095, 38.7462, 42.2841

Trichromacy



Original Color

38.8701, 38.7907, 24.8407

Protanomaly

36.9882, 38.6070, 25.2411

Deuteranomaly

39.4725, 38.8407, 24.8186

Tritanomaly

40.9203, 38.5910, 34.9978

Monochromacy



Original Color

38.8701, 38.7907, 24.8407

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2541, 38.5244, 35.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8701, 38.7907, 24.8407 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(194, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(194, 162, 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(194, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 162, 125) }
```

Border

The CSS property to change the border of an element to XYZ 38.8701, 38.7907, 24.8407 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(194, 162, 125) }
```


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

```
.border{ border-color:rgb(194, 162, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 162, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(194, 162,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8701, 38.7907, 24.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 162, 125) }
```

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

```
.background{ background-color: rgb(194,  
162, 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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