

Converting Colors

XYZ(39.8901, 38.7587, 25.2204)

Have a look what the booklet for
XYZ(39.8901, 38.7587, 25.2204)
contains.

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Color

**XYZ(39.8899, 38.7901,
25.1235)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A07E
RGB	199, 160, 126
RGB Percent	78%, 63%, 49%
CMY	0.2196, 0.3725, 0.5059
CMYK	0.00, 0.20, 0.37, 0.22
HSL	28°, 39%, 64%
HSV	28°, 37%, 78%
XYZ	39.8899, 38.7901, 25.1235
YIQ	167.7850, 34.1580, -2.3060

Conversions

Conversions Part 2

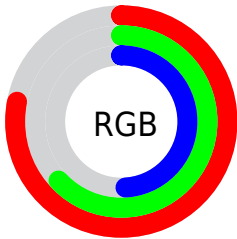
Format	Color
RYB	199, 190, 126
Decimal	13082750
CIELab	68.60, 9.70, 23.19
CIELCh	69, 25.137, 67.303
Yxy	38.7901, 0.3843, 0.3737
Android (android.graphics.Color)	4291272830 (0xFFC7A07E)
YUV	167.7850, -20.6000, 27.3756
Hunter-Lab	62.2817, 5.3319, 19.6805

Details

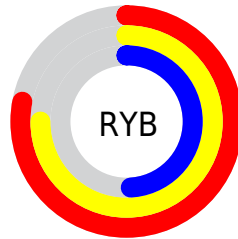
The XYZ color **39.8899, 38.7901, 25.1235** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3677, 35.4682, 59.1729**, and the grayscale version is **37.2009, 39.1383, 42.6216**.

A 20% lighter version of the original color is **73.6771, 73.1156, 52.8773**, and **18.3098, 17.4024, 9.4151** is the 20% darker color. If you saturate the color by 10%, you get **36.9668, 34.7985, 18.4318**, and if you desaturate by 10%, it is **43.2280, 43.2027, 33.2146**.

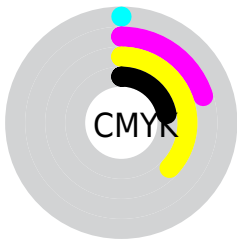
Distribution



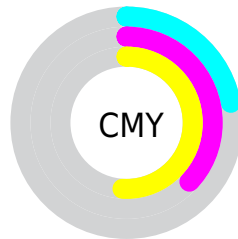
- Red (78%)
- Green (63%)
- Blue (49%)



- Red (78%)
- Yellow (75%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8899, 38.7901, 25.1235 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 39.8899, 38.7901, 25.1235 by changing the saturation by 10% instead.


 39.8899, 38.7901,
25.1235


 39.8899, 38.7901,
25.1235


336.8017,
340.9973, 291.9198

 27.6365, 26.5965,
15.9492


 74.2812, 73.3176,
52.8241

 18.1909, 17.2704,
9.3343


 97.1499, 96.4202,
72.1875

 11.1877, 10.4275,
4.8601


 124.2878,
123.9279, 95.7844

 6.2614, 5.6833,
2.1081

156.0601,
156.2252, 124.0333

 3.0469, 2.6535,
0.6206

192.8323,
193.6963, 157.3528

 1.1786, 0.9536,
0.0000

234.9697,

 0.0894, 0.0000,

236.7258, 196.1613

0.0000

282.8377,
285.6980, 240.8774

0.0000, 0.0000,
0.0000

39.8899, 38.7901,
25.1235

39.8899, 38.7901,
25.1235

36.9668, 34.7985,
18.4318

43.2280, 43.2027,
33.2146

34.4367, 31.2086,
13.0556

46.9959, 48.0440,
42.7775

32.2796, 28.0072,
8.9056


51.2112, 53.3283,
53.8824


30.4721, 25.1782,
5.8803


55.8897, 59.0675,
66.5945


28.9877, 22.7038,
3.8614


61.0460, 65.2732,
80.9749


 27.7926, 20.5631,
2.6938

 66.6945, 71.9562,
97.0817

 27.4410, 19.9177,
2.3982

 71.1450, 78.4457,
105.9995

 74.2700, 84.6958,
107.0412

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



43.2726, 38.7901, 30.3363



39.8899, 38.7901, 25.1235



35.9081, 38.7901, 24.0678

Triad

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



39.8899, 38.7901, 25.1235



29.8113, 38.7901, 45.0727



41.6853, 38.7901, 62.0957

Complementary

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



39.8899, 38.7901, 25.1235



32.3677, 35.4682, 59.1729

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.



37.8465, 38.7901, 67.8089



39.8899, 38.7901, 25.1235



31.1302, 38.7901, 56.8997

Square

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



39.8899, 38.7901, 25.1235



30.2724, 38.7901, 34.3577



34.0043, 38.7901, 65.7542



44.3599, 38.7901, 51.2346

Rectangle

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



39.8899, 38.7901, 25.1235



33.4809, 38.7901, 25.6517



34.0043, 38.7901, 65.7542



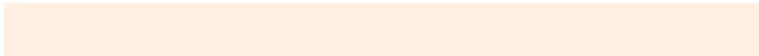
40.4780, 38.7901, 64.7631

Sweetspot

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



39.8909, 38.7919, 25.1243



86.2630, 89.1329, 85.2947



37.9110, 29.8229, 39.9072



18.2469, 18.8061, 17.6855



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.



39.8909, 38.7919, 25.1243



65.7123, 62.2961, 34.4682



46.9128, 52.8358, 27.4649



11.0343, 11.4377, 11.1889



17.7311, 12.9794, 1.5707



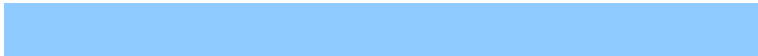
0.9119, 0.7592, 0.0985

Inverse Universe

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



32.3677, 35.4682, 59.1729



50.6367, 55.6290, 102.6764



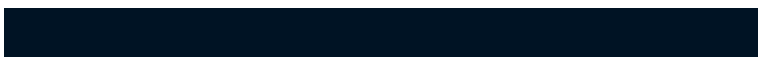
26.8496, 24.4319, 57.3336



10.5180, 11.2100, 13.5269



10.0515, 9.4970, 36.0477



0.5479, 0.5937, 1.7309

Previews

White Background



This preview shows how the XYZ color 39.8899, 38.7901, 25.1235 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 39.8899, 38.7901, 25.1235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

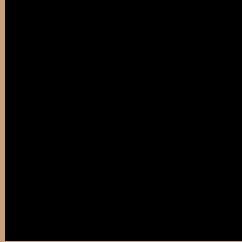
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8899, 38.7901, 25.1235

Background



This preview shows how black text looks on a background with the XYZ color 39.8899, 38.7901, 25.1235.



This preview shows how white text looks on a background with the XYZ color 39.8899, 38.7901,

25.1235.

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

39.8899, 38.7901, 25.1235

Protanopia

36.3716, 38.8061, 26.3422

Deuteranopia

39.5367, 38.8664, 25.1568



Tritanopia

43.2329, 38.8924, 41.3048

Trichromacy



Original Color

39.8899, 38.7901, 25.1235

Protanomaly

37.4214, 38.5485, 25.8904

Deuteranomaly

39.7995, 39.0019, 25.1691

Tritanomaly

42.0000, 38.9049, 34.5739

Monochromacy



Original Color

39.8899, 38.7901, 25.1235

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7953, 38.7939, 35.6329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8899, 38.7901, 25.1235 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, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 126)  
}
```

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, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 126) }
```

Border

The CSS property to change the border of an element to XYZ 39.8899, 38.7901, 25.1235 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, 160, 126) }
```


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

```
.border{ border-color:rgb(199, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 160, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 160, 126);  
box-shadow:4px 4px 4px 4px rgb(199, 160,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8899, 38.7901, 25.1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 126) }
```

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

```
.background{ background-color: rgb(199,  
160, 126) }
```

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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