

Converting Colors

XYZ(39.7906, 41.6395, 19.7682)

Have a look what the booklet for
XYZ(39.7906, 41.6395, 19.7682)
contains.

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Color

**XYZ(39.7935, 41.5468,
19.8319)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AA6B
RGB	196, 170, 107
RGB Percent	77%, 67%, 42%
CMY	0.2314, 0.3333, 0.5804
CMYK	0.00, 0.13, 0.45, 0.23
HSL	42°, 43%, 59%
HSV	42°, 45%, 77%
XYZ	39.7935, 41.5468, 19.8319
YIQ	170.5920, 35.7190, -14.0810

Conversions

Conversions Part 2

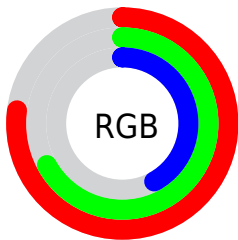
Format	Color
RYB	144, 196, 107
Decimal	12888683
CIELab	70.56, 0.96, 35.87
CIELCh	71, 35.880, 88.472
Yxy	41.5468, 0.3933, 0.4107
Android (android.graphics.Color)	4291078763 (0xFFC4AA6B)
YUV	170.5920, -31.3509, 22.2828
Hunter-Lab	64.4568, -2.5994, 26.8776

Details

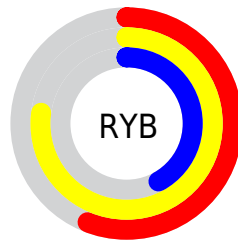
The XYZ color **39.7935, 41.5468, 19.8319** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.4144, 23.8854, 55.5479**, and the grayscale version is **38.6446, 40.6571, 44.2756**.

A 20% lighter version of the original color is **74.0563, 77.4245, 43.8421**, and **18.0574, 18.8378, 6.6873** is the 20% darker color. If you saturate the color by 10%, you get **37.8274, 39.0819, 14.6530**, and if you desaturate by 10%, it is **42.0422, 44.2026, 26.2590**.

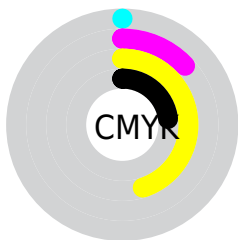
Distribution



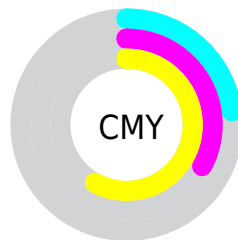
- Red (77%)
- Green (67%)
- Blue (42%)



- Red (56%)
- Yellow (77%)
- Blue (42%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (23%)



- Cyan (23%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7935, 41.5468, 19.8319 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 39.7935, 41.5468, 19.8319 by changing the saturation by 10% instead.

■ 39.7935, 41.5468,
19.8319

■ 39.7935, 41.5468,
19.8319

336.4018,
352.6008, 263.5777

■ 27.5611, 28.7466,
12.0900

■ 74.1353, 77.5133,
43.9904

■ 18.1338, 18.8892,
6.6817

■ 96.9754, 101.4483,
61.2442

■ 11.1464, 11.5902,
3.1885

■ 124.0821,
129.8637, 82.5057

■ 6.2334, 6.4653,
1.1917

■ 155.8207,
163.1440, 108.1934

■ 3.0295, 3.1300,
0.0000

192.5566,
201.6734, 138.7259

■ 1.1694, 1.2000,
0.0000

234.6552,

■ 0.0820, 0.0617,

245.8364, 174.5218

0.0000

282.4818,
296.0174, 215.9995

■ 0.0000, 0.0000,
0.0000

■ 39.7935, 41.5468,
19.8319

■ 39.7935, 41.5468,
19.8319

■ 37.8274, 39.0819,
14.6530

■ 42.0422, 44.2026,
26.2590

■ 36.1241, 36.7945,
10.6353

■ 44.5854, 47.0503,
34.0082

■ 34.6662, 34.6780,
7.6846

■ 47.4380, 50.0985,
43.1508

■ 33.4320, 32.7230,
5.6909

■ 50.6131, 53.3531,
53.7522

■ 32.3954, 30.9180,
4.5188

■ 54.1226, 56.8198,
65.8734

■ 31.9617, 30.1294,
4.1310

■ 57.9782, 60.5043,
79.5723

■ 62.1906, 64.4115,
94.9034

■ 65.3203, 67.9666,
104.2839

■ 66.8109, 70.9477,
104.7807

Harmonies

Analogous

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



45.7510, 41.5468, 22.7359



39.7935, 41.5468, 19.8319



34.3029, 41.5468, 22.1904

Triad

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



39.7935, 41.5468, 19.8319



30.2970, 41.5468, 62.6432



50.0178, 41.5468, 64.5337

Complementary

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



39.7935, 41.5468, 19.8319



24.4144, 23.8854, 55.5479

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.



45.1731, 41.5468, 80.4075



39.7935, 41.5468, 19.8319



33.8262, 41.5468, 79.1379

Square

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



39.7935, 41.5468, 19.8319



29.1600, 41.5468, 44.3731



39.1860, 41.5468, 86.3206



52.0076, 41.5468, 46.1129

Rectangle

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



39.7935, 41.5468, 19.8319



31.5593, 41.5468, 26.8704



39.1860, 41.5468, 86.3206



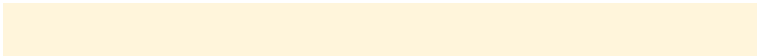
48.6468, 41.5468, 70.5003

Sweetspot

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



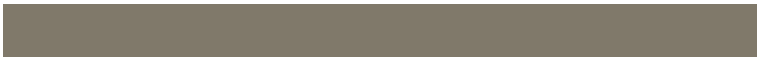
39.7945, 41.5487, 19.8327



86.5890, 91.4369, 80.3105



32.3050, 23.9644, 25.3681



18.2774, 19.3034, 16.3506



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.



39.7945, 41.5487, 19.8327



68.7132, 71.0408, 27.0129



40.7998, 50.0299, 21.4168



10.6569, 11.2453, 10.6707



20.6141, 19.5140, 2.6801



0.9478, 0.9573, 0.1348

Inverse Universe

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



24.4144, 23.8854, 55.5479



37.5715, 35.3127, 99.4435



23.6501, 18.8463, 54.6155



9.7627, 10.2167, 12.7423



7.4156, 4.5877, 34.0513



0.3817, 0.3208, 1.4917

Previews

White Background



This preview shows how the XYZ color 39.7935, 41.5468, 19.8319 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 39.7935, 41.5468, 19.8319 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 39.7935, 41.5468, 19.8319

Background



This preview shows how black text looks on a background with the XYZ color 39.7935, 41.5468, 19.8319.



This preview shows how white text looks on a background with the XYZ color 39.7935, 41.5468,

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

39.7935, 41.5468, 19.8319

Protanopia

38.3894, 41.6612, 20.2054

Deuteranopia

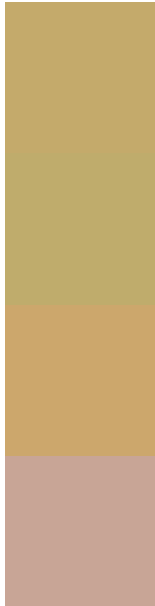
42.4564, 41.5483, 19.9693



Tritanopia

45.1889, 41.5932, 45.6910

Trichromacy



Original Color

39.7935, 41.5468, 19.8319

Protanomaly

38.9452, 41.6641, 20.1767

Deuteranomaly

41.4273, 41.5575, 20.0253

Tritanomaly

42.7796, 41.3916, 34.5888

Monochromacy



Original Color

39.7935, 41.5468, 19.8319

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7306, 40.9672, 33.8831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7935, 41.5468, 19.8319 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(196, 170, 107)` looks like.

```
.text, #text, p{  
    color:rgb(196, 170, 107)  
}
```

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(196, 170, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 170, 107) }
```

Border

The CSS property to change the border of an element to XYZ 39.7935, 41.5468, 19.8319 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(196, 170, 107) }
```


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

```
.border{ border-color:rgb(196, 170, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 170, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 170, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 170, 107);  
box-shadow:4px 4px 4px 4px rgb(196, 170,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7935, 41.5468, 19.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 170, 107) }
```

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

```
.background{ background-color: rgb(196,  
170, 107) }
```

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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