

Converting Colors

XYZ(41.9057, 39.5906, 18.9607)

Have a look what the booklet for
XYZ(41.9057, 39.5906, 18.9607)
contains.

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Color

**XYZ(41.8636, 39.6858,
19.0893)**

Conversions

Conversions Part 1

Format	Color
Hex	D39F6A
RGB	211, 159, 106
RGB Percent	83%, 62%, 42%
CMY	0.1726, 0.3764, 0.5843
CMYK	0.00, 0.25, 0.50, 0.17
HSL	30°, 54%, 62%
HSV	30°, 50%, 83%
XYZ	41.8636, 39.6858, 19.0893
YIQ	168.5060, 48.0050, -5.4590

Conversions

Conversions Part 2

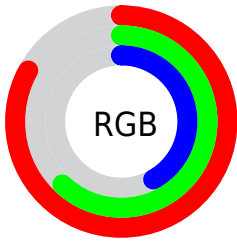
Format	Color
RYB	209, 211, 106
Decimal	13868906
CIELab	69.25, 12.99, 35.04
CIELCh	69, 37.368, 69.659
Yxy	39.6858, 0.4160, 0.3943
Android (android.graphics.Color)	4292058986 (0xFFD39F6A)
YUV	168.5060, -30.8155, 37.2672
Hunter-Lab	62.9967, 8.3756, 26.1316

Details

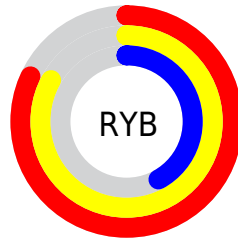
The XYZ color **41.8636, 39.6858, 19.0893** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.9279, 32.2195, 66.2693**, and the grayscale version is **37.5996, 39.5578, 43.0784**.

A 20% lighter version of the original color is **71.4581, 71.8218, 42.4445**, and **19.4275, 17.8906, 6.3002** is the 20% darker color. If you saturate the color by 10%, you get **39.1772, 35.8582, 13.4303**, and if you desaturate by 10%, it is **44.9738, 43.9290, 26.2221**.

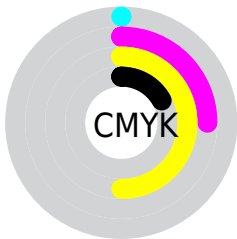
Distribution



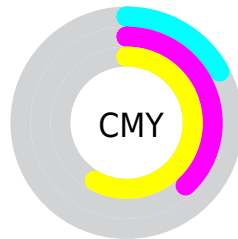
- Red (83%)
- Green (62%)
- Blue (42%)



- Red (82%)
- Yellow (83%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (50%)
- Black (17%)





- Cyan (17%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8636, 39.6858, 19.0893 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 41.8636, 39.6858, 19.0893 by changing the saturation by 10% instead.


 41.8636, 39.6858,
19.0893


 41.8636, 39.6858,
19.0893


344.9185,
344.7975, 259.3804

 29.1851, 27.2937,
11.5574


 77.2596, 74.6848,
42.7236


 19.3659, 17.7939,
6.3242


 100.7079, 98.0605,
59.6631

 12.0405, 10.8021,
2.9712


 128.4768,
125.8661, 80.5755

 6.8437, 5.9339,
1.0800

 160.9317,
158.4861, 105.8794

 3.4100, 2.8049,
0.0000

198.4380,
196.3048, 135.9933

 1.3741, 1.0308,
0.0000

241.3609,

 0.2377, 0.0000,

239.7067, 171.3358

0.0000

290.0660,
289.0761, 212.3253

■ 0.0000, 0.0000,
0.0000

■ 41.8636, 39.6858,
19.0893

■ 41.8636, 39.6858,
19.0893

■ 39.1772, 35.8582,
13.4303

■ 44.9738, 43.9290,
26.2221

■ 36.8877, 32.4249,
9.1354

■ 48.5267, 48.5966,
34.9231

■ 34.9694, 29.3710,
6.0830


■ 52.5432, 53.7039,
45.2812


■ 33.3909, 26.6773,
4.1284


■ 57.0420, 59.2640,
57.3782


■ 32.0997, 24.3161,
3.0160


■ 62.0406, 65.2890,
71.2902

 32.0711, 24.2634,
2.9930

 67.5556, 71.7907,
87.0889

 73.6028, 78.7803,
104.8421

 76.8429, 84.9269,
106.9502

 80.0523, 91.3458,
108.0200

Harmonies

Analogous

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



47.2916, 39.6858, 25.4048



41.8636, 39.6858, 19.0893



35.8220, 39.6858, 18.1829

Triad

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



41.8636, 39.6858, 19.0893



27.4745, 39.6858, 48.9803



45.5520, 39.6858, 73.8751

Complementary

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



41.8636, 39.6858, 19.0893



29.9279, 32.2195, 66.2693

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.



39.6842, 39.6858, 84.5268



41.8636, 39.6858, 19.0893



29.5360, 39.6858, 67.8438

Square

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



41.8636, 39.6858, 19.0893



27.9258, 39.6858, 32.7371



33.8596, 39.6858, 82.0672



49.5724, 39.6858, 55.7102

Rectangle

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



41.8636, 39.6858, 19.0893



32.3072, 39.6858, 20.4321



33.8596, 39.6858, 82.0672



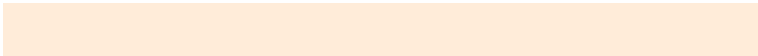
43.7063, 39.6858, 78.6456

Sweetspot

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



41.8646, 39.6877, 19.0901



83.7443, 86.2817, 77.7155



38.2328, 26.6431, 35.7016



17.6148, 18.0832, 15.8057



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.



41.8646, 39.6877, 19.0901



59.8058, 54.5543, 19.9483



52.7596, 61.4778, 22.7218



12.2949, 12.7804, 12.4309



19.4577, 14.8485, 1.8405



1.1673, 0.9889, 0.1294

Inverse Universe

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



29.9279, 32.2195, 66.2693



39.4029, 41.7916, 100.5976



22.8560, 18.0758, 63.9120



11.6402, 12.3707, 15.0179



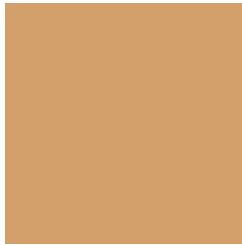
10.2152, 9.0770, 38.4061



0.6505, 0.6662, 2.1739

Previews

White Background



This preview shows how the XYZ color 41.8636, 39.6858, 19.0893 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 41.8636, 39.6858, 19.0893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

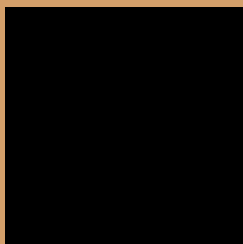
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8636, 39.6858, 19.0893

Background



This preview shows how black text looks on a background with the XYZ color 41.8636, 39.6858, 19.0893.



This preview shows how white text looks on a background with the XYZ color 41.8636, 39.6858,

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

41.8636, 39.6858, 19.0893

Protanopia

36.7696, 39.6921, 20.4752

Deuteranopia

40.6470, 39.8397, 18.9121



Tritanopia

46.1580, 39.6997, 39.8804

Trichromacy



Original Color

41.8636, 39.6858, 19.0893

Protanomaly

38.4636, 39.4837, 20.0619

Deuteranomaly

41.0268, 39.7751, 18.8796

Tritanomaly

44.3354, 39.6918, 30.9157

Monochromacy



Original Color

41.8636, 39.6858, 19.0893

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4106, 39.1759, 32.7314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8636, 39.6858, 19.0893 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(211, 159, 106)` looks like.

```
.text, #text, p{  
    color:rgb(211, 159, 106)  
}
```

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(211, 159, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 159, 106) }
```

Border

The CSS property to change the border of an element to XYZ 41.8636, 39.6858, 19.0893 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(211, 159, 106) }
```


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

```
.border{ border-color:rgb(211, 159, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 159, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(211, 159,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8636, 39.6858, 19.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 159, 106) }
```

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

```
.background{ background-color: rgb(211,  
159, 106) }
```

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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