

Converting Colors

XYZ(41.9016, 39.1551, 20.9720)

Have a look what the booklet for
XYZ(41.9016, 39.1551, 20.9720)
contains.

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Color

**XYZ(41.9016, 39.1551,
20.9720)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D39D71 |
| RGB | 211, 157, 113 |
| RGB Percent | 83%, 62%, 44% |
| CMY | 0.1725, 0.3843, 0.5569 |
| CMYK | 0.00, 0.26, 0.46, 0.17 |
| HSL | 27°, 53%, 64% |
| HSV | 27°, 46%, 83% |
| XYZ | 41.9016, 39.1551, 20.9720 |
| YIQ | 168.1300, 46.3080, -2.2360 |

Conversions

Conversions Part 2

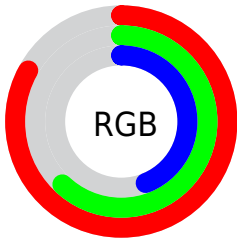
| Format | Color |
|-------------------------------------|---|
| RYB | 211, 193, 113 |
| Decimal | 13868401 |
| CIELab | 68.86, 14.75, 30.81 |
| CIELCh | 69, 34.162, 64.421 |
| Yxy | 39.1551, 0.4107, 0.3838 |
| Android (android.graphics.Color) | 4292058481 (0xFFD39D71) |
| YUV | 168.1300, -27.1791, 37.5970 |
| Hunter-Lab | 62.5740, 10.0248, 23.9305 |

Details

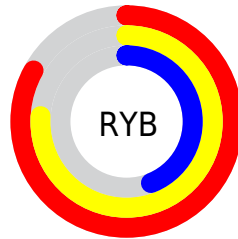
The XYZ color **41.9016, 39.1551, 20.9720** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3860, 35.8498, 66.8407**, and the grayscale version is **37.3976, 39.3451, 42.8469**.

A 20% lighter version of the original color is **71.5750, 71.0636, 45.5415**, and **19.4059, 17.5483, 7.2148** is the 20% darker color. If you saturate the color by 10%, you get **38.9750, 34.9870, 14.8016**, and if you desaturate by 10%, it is **45.2935, 43.8118, 28.6607**.

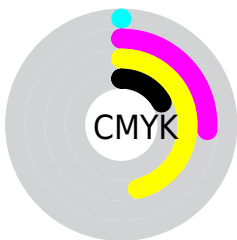
Distribution



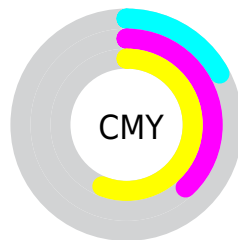
- Red (83%)
- Green (62%)
- Blue (44%)



- Red (83%)
- Yellow (76%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (17%)





- Cyan (17%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9016, 39.1551, 20.9720 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 41.9016, 39.1551, 20.9720 by changing the saturation by 10% instead.


 41.9016, 39.1551,
20.9720


 41.9016, 39.1551,
20.9720


345.0734,
342.5495, 269.9058

 29.2150, 26.8804,
12.9125


 77.3168, 73.8752,
45.9211


 19.3886, 17.4834,
7.2383


 100.7761, 97.0894,
63.6478

 12.0571, 10.5798,
3.5309


 128.5570,
124.7189, 85.4340

 6.8551, 5.7850,
1.3717

 161.0249,
157.1480, 111.6981

 3.4171, 2.7148,
0.1195

198.5452,
194.7613, 142.8589

 1.3780, 0.9847,
0.0000

241.4831,

 0.2405, 0.0000,

237.9430, 179.3347

0.0000

290.2041,
287.0776, 221.5442

■ 0.0000, 0.0000,
0.0000

■ 41.9016, 39.1551,
20.9720

■ 41.9016, 39.1551,
20.9720

■ 38.9750, 34.9870,
14.8016

■ 45.2935, 43.8118,
28.6607

■ 36.4861, 31.2837,
10.0432

■ 49.1704, 48.9684,
37.9594

■ 34.4086, 28.0274,
6.5803


■ 53.5540, 54.6429,
48.9554


■ 32.7112, 25.1965,
4.2761

■ 58.4640, 60.8505,
61.7287


■ 31.3553, 22.7659,
2.9571


■ 63.9189, 67.6058,
76.3545

 30.9332, 21.9874,
2.6136

 69.9360, 74.9226,
92.9034

 75.6004, 82.4418,
106.5360

 79.1025, 89.4459,
107.7034

 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



46.4967, 39.1551, 27.8827



41.9016, 39.1551, 20.9720



36.4177, 39.1551, 19.2528

Triad

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



41.9016, 39.1551, 20.9720



27.7577, 39.1551, 44.9771



43.4266, 39.1551, 72.3158

Complementary

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



41.9016, 39.1551, 20.9720



32.3860, 35.8498, 66.8407

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.



38.0254, 39.1551, 79.8755



41.9016, 39.1551, 20.9720



29.2601, 39.1551, 61.8396

Square

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



41.9016, 39.1551, 20.9720



28.5806, 39.1551, 30.9962



32.8929, 39.1551, 75.6398



47.4354, 39.1551, 56.8697

Rectangle

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



41.9016, 39.1551, 20.9720



33.0690, 39.1551, 20.8136



32.8929, 39.1551, 75.6398



41.6954, 39.1551, 76.0140

Sweetspot

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



41.9026, 39.1570, 20.9728



83.8687, 85.9963, 79.4037



39.8870, 28.5065, 40.7071



17.6140, 17.9765, 16.1295



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.



41.9026, 39.1570, 20.9728



59.7642, 53.6112, 22.5858



51.5486, 58.4490, 24.1881



12.2396, 12.6698, 12.4125



18.7674, 13.4678, 1.6104



1.1280, 0.9104, 0.1163

Inverse Universe

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



32.3860, 35.8498, 66.8407



43.3619, 47.8866, 101.5654



25.2287, 21.5352, 64.4549



11.6959, 12.4820, 15.0365



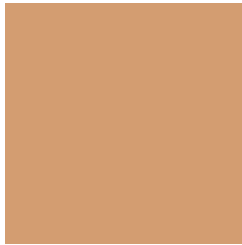
10.9864, 10.6195, 38.6632



0.6929, 0.7510, 2.1880

Previews

White Background



This preview shows how the XYZ color 41.9016, 39.1551, 20.9720 looks on a white background.

Color Contrast Check

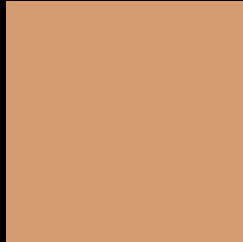
Large Text (above 18pt) WCAG AA × Fail

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 41.9016, 39.1551, 20.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

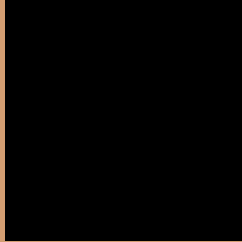
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9016, 39.1551, 20.9720

Background



This preview shows how black text looks on a background with the XYZ color 41.9016, 39.1551, 20.9720.



This preview shows how white text looks on a background with the XYZ color 41.9016, 39.1551,

20.9720.

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

41.9016, 39.1551, 20.9720

Protanopia

36.5641, 39.2584, 22.7900

Deuteranopia

40.0266, 39.2161, 20.7891



Tritanopia

45.6125, 39.1889, 39.3426

Trichromacy



Original Color

41.9016, 39.1551, 20.9720

Protanomaly

38.4202, 39.1493, 22.0546

Deuteranomaly

40.6723, 39.2906, 20.7694

Tritanomaly

44.1568, 39.0922, 31.6038

Monochromacy



Original Color

41.9016, 39.1551, 20.9720

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.3879, 38.8794, 33.4982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9016, 39.1551, 20.9720 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, 157, 113)` looks like.

```
.text, #text, p{  
    color:rgb(211, 157, 113)  
}
```

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, 157, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 157, 113) }
```

Border

The CSS property to change the border of an element to XYZ 41.9016, 39.1551, 20.9720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

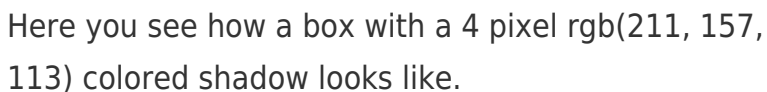
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 157, 113) }
```


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

```
.border{ border-color:rgb(211, 157, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 157, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 157, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 157, 113);  
box-shadow:4px 4px 4px 4px rgb(211, 157,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9016, 39.1551, 20.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 157, 113) }
```

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

```
.background{ background-color: rgb(211,  
157, 113) }
```

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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