

Converting Colors

XYZ(41.4853, 39.0402, 21.3885)

Have a look what the booklet for
XYZ(41.4853, 39.0402, 21.3885)
contains.

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Color

**XYZ(41.3887, 38.8842,
21.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	D19D72
RGB	209, 157, 114
RGB Percent	82%, 62%, 45%
CMY	0.1804, 0.3843, 0.5529
CMYK	0.00, 0.25, 0.45, 0.18
HSL	27°, 51%, 63%
HSV	27°, 45%, 82%
XYZ	41.3887, 38.8842, 21.2436
YIQ	167.6460, 44.7950, -2.3490

Conversions

Conversions Part 2

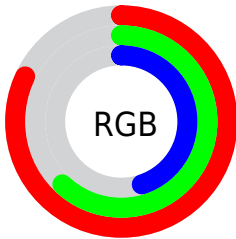
Format	Color
RYB	209, 193, 114
Decimal	13737330
CIELab	68.67, 14.04, 29.98
CIElCh	69, 33.103, 64.912
Yxy	38.8842, 0.4077, 0.3830
Android (android.graphics.Color)	4291927410 (0xFFD19D72)
YUV	167.6460, -26.4475, 36.2675
Hunter-Lab	62.3572, 9.3517, 23.4514

Details

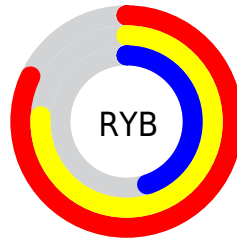
The XYZ color **41.3887, 38.8842, 21.2436** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.0836, 35.4517, 65.4732**, and the grayscale version is **37.1569, 39.0919, 42.5711**.

A 20% lighter version of the original color is **71.6664, 71.1001, 46.0229**, and **19.0571, 17.3651, 7.3484** is the 20% darker color. If you saturate the color by 10%, you get **38.4869, 34.7718, 15.0627**, and if you desaturate by 10%, it is **44.7455, 43.4715, 28.9179**.

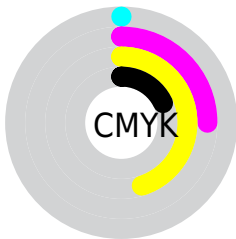
Distribution



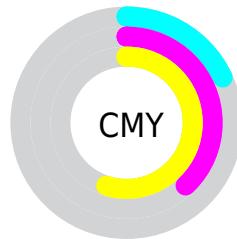
- Red (82%)
- Green (62%)
- Blue (45%)



- Red (82%)
- Yellow (76%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (45%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3887, 38.8842, 21.2436 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 41.3887, 38.8842, 21.2436 by changing the saturation by 10% instead.


 41.3887, 38.8842,
21.2436


 41.3887, 38.8842,
21.2436


342.9775,
341.3979, 271.3937

 28.8119, 26.6697,
13.1092


 76.5446, 73.4614,
46.3786


 19.0822, 17.3253,
7.3722

 99.8544, 96.5928,
64.2164

 11.8340, 10.4667,
3.6140


 127.4727,
124.1320, 86.1256

 6.7022, 5.7095,
1.4161

 159.7647,
156.4633, 112.5250

 3.3212, 2.6692,
0.1542

197.0958,
193.9712, 143.8329

 1.3258, 0.9616,
0.0000

239.8314,

 0.2024, 0.0000,

237.0400, 180.4680

0.0000

288.3369,
286.0541, 222.8487

■ 0.0000, 0.0000,
0.0000

■ 41.3887, 38.8842,
21.2436

■ 41.3887, 38.8842,
21.2436

■ 38.4869, 34.7718,
15.0627

■ 44.7455, 43.4715,
28.9179

■ 36.0135, 31.1114,
10.2724

■ 48.5761, 48.5443,
38.1742

■ 33.9430, 27.8858,
6.7605


■ 52.9016, 54.1200,
49.0971


■ 32.2457, 25.0746,
4.3957


■ 57.7411, 60.2133,
61.7644

■ 30.8855, 22.6543,
3.0177


■ 63.1122, 66.8380,
76.2489

 30.3516, 21.6697,
2.5830

 69.0320, 74.0075,
92.6191

 74.6511, 81.3887,
106.3828

 78.0708, 88.2282,
107.5227

 80.1044, 92.2952,
108.2006

Harmonies

Analogous

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



45.8340, 38.8842, 27.9011



41.3887, 38.8842, 21.2436



36.1039, 38.8842, 19.6368

Triad

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



41.3887, 38.8842, 21.2436



27.8165, 38.8842, 44.8525



43.0179, 38.8842, 70.6216

Complementary

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



41.3887, 38.8842, 21.2436



32.0836, 35.4517, 65.4732

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.



37.8260, 38.8842, 78.0067



41.3887, 38.8842, 21.2436



29.3094, 38.8842, 61.0541

Square

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



41.3887, 38.8842, 21.2436



28.5779, 38.8842, 31.2622



32.8558, 38.8842, 74.1471



46.8351, 38.8842, 55.7629

Rectangle

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



41.3887, 38.8842, 21.2436



32.8819, 38.8842, 21.2199



32.8558, 38.8842, 74.1471



41.3584, 38.8842, 74.2017

Sweetspot

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



41.3897, 38.8861, 21.2444



83.9062, 86.0712, 79.4162



39.2178, 28.3526, 39.6026



17.6231, 17.9947, 16.1325



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.



41.3897, 38.8861, 21.2444



60.2881, 54.4281, 23.4725



50.9840, 58.0747, 24.4425



12.2432, 12.6770, 12.4137



18.8097, 13.5525, 1.6245



1.1305, 0.9153, 0.1171

Inverse Universe

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



32.0836, 35.4517, 65.4732



43.8298, 48.3328, 101.6268



25.0155, 21.3155, 63.1171



11.6922, 12.4747, 15.0353



10.9328, 10.5123, 38.6453



0.6900, 0.7452, 2.1870

Previews

White Background



This preview shows how the XYZ color 41.3887, 38.8842, 21.2436 looks on a white background.

Color Contrast Check

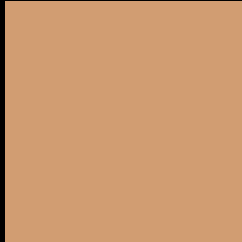
Large Text (above 18pt) WCAG AA × Fail

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 41.3887, 38.8842, 21.2436 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 41.3887, 38.8842, 21.2436

Background



This preview shows how black text looks on a background with the XYZ color 41.3887, 38.8842, 21.2436.



This preview shows how white text looks on a background with the XYZ color 41.3887, 38.8842,

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

41.3887, 38.8842, 21.2436

Protanopia

36.3287, 39.1370, 22.7790

Deuteranopia

39.8129, 39.0995, 21.0714



Tritanopia

45.0288, 38.8880, 39.3153

Trichromacy



Original Color

41.3887, 38.8842, 21.2436

Protanomaly

37.9722, 38.9116, 22.3390

Deuteranomaly

40.4533, 39.1712, 21.0515

Tritanomaly

43.6534, 38.8238, 31.9810

Monochromacy



Original Color

41.3887, 38.8842, 21.2436

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1492, 38.7563, 33.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3887, 38.8842, 21.2436 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(209, 157, 114)` looks like.

```
.text, #text, p{  
    color:rgb(209, 157, 114)  
}
```

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(209, 157, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 157, 114) }
```

Border

The CSS property to change the border of an element to XYZ 41.3887, 38.8842, 21.2436 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(209, 157, 114) }
```


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

```
.border{ border-color:rgb(209, 157, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 157, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 157, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 157, 114);  
box-shadow:4px 4px 4px 4px rgb(209, 157,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3887, 38.8842, 21.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 157, 114) }
```

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

```
.background{ background-color: rgb(209,  
157, 114) }
```

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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