

Converting Colors

XYZ(41.7528, 38.6630, 17.8569)

Have a look what the booklet for
XYZ(41.7528, 38.6630, 17.8569)
contains.

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Color

**XYZ(41.8512, 38.6981,
17.8341)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D69B66 |
| RGB | 214, 155, 102 |
| RGB Percent | 84%, 61%, 40% |
| CMY | 0.1608, 0.3921, 0.6000 |
| CMYK | 0.00, 0.28, 0.52, 0.16 |
| HSL | 28°, 58%, 62% |
| HSV | 28°, 52%, 84% |
| XYZ | 41.8512, 38.6981, 17.8341 |
| YIQ | 166.5990, 52.1770, -3.9750 |

Conversions

Conversions Part 2

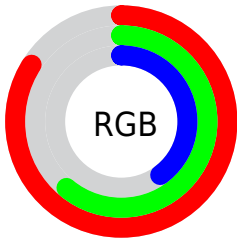
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 214, 203, 102 |
| Decimal | 14064486 |
| CIELab | 68.53, 16.03, 36.32 |
| CIELCh | 69, 39.696, 66.190 |
| Yxy | 38.6981, 0.4254, 0.3933 |
| Android (android.graphics.Color) | 4292254566 (0xFFD69B66) |
| YUV | 166.5990, -31.8473, 41.5707 |
| Hunter-Lab | 62.2078, 11.2248, 26.5478 |

Details

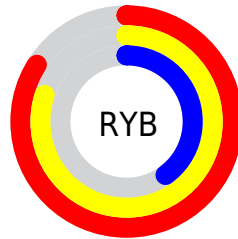
The XYZ color **41.8512, 38.6981, 17.8341** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.3615, 33.1683, 68.4201**, and the grayscale version is **36.6685, 38.5781, 42.0116**.

A 20% lighter version of the original color is **70.1193, 69.6863, 40.3270**, and **19.3032, 17.2256, 5.6756** is the 20% darker color. If you saturate the color by 10%, you get **39.1347, 34.7500, 12.3513**, and if you desaturate by 10%, it is **45.0187, 43.1098, 24.8193**.

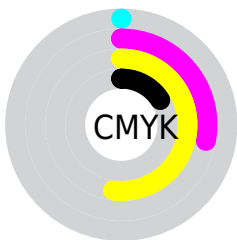
Distribution



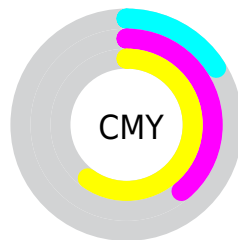
- Red (84%)
- Green (61%)
- Blue (40%)



- Red (84%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8512, 38.6981, 17.8341 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 41.8512, 38.6981, 17.8341 by changing the saturation by 10% instead.


 41.8512, 38.6981,
17.8341

 41.8512, 38.6981,
17.8341


344.8679,
340.6052, 252.1389

 29.1754, 26.5249,
10.6627


 77.2410, 73.1769,
40.5645


 19.3585, 17.2168,
5.7292


 100.6856, 96.2513,
56.9607

 12.0351, 10.3892,
2.6150


 128.4506,
123.7283, 77.2689

 6.8400, 5.6577,
0.9002

 160.9013,
155.9922, 101.9076

 3.4077, 2.6381,
0.0000

198.4030,
193.4275, 131.2955

 1.3728, 0.9459,
0.0000

241.3211,

 0.2367, 0.0000,

236.4185, 165.8509

0.0000

290.0209,
285.3496, 205.9926

■ 0.0000, 0.0000,
0.0000

■ 41.8512, 38.6981,
17.8341

■ 41.8512, 38.6981,
17.8341

■ 39.1347, 34.7500,
12.3513

■ 45.0187, 43.1098,
24.8193

■ 36.8401, 31.2418,
8.2538

■ 48.6581, 47.9964,
33.4077

■ 34.9385, 28.1554,
5.4101

■ 52.7924, 53.3756,
43.6936

■ 33.3950, 25.4685,
3.6619

■ 57.4420, 59.2623,
55.7634

■ 32.4121, 23.6573,
2.8580

■ 62.6259, 65.6708,
69.6977

■ 68.3624, 72.6148,
85.5720

■ 74.6685, 80.1072,
103.4576

■ 78.4896, 86.9324,
107.2505

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



47.3617, 38.6981, 24.9008



41.8512, 38.6981, 17.8341



35.5004, 38.6981, 16.3392

Triad

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



41.8512, 38.6981, 17.8341



26.0776, 38.6981, 45.9579



44.3461, 38.6981, 76.4775

Complementary

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



41.8512, 38.6981, 17.8341



30.3615, 33.1683, 68.4201

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.



38.0928, 38.6981, 86.4686



41.8512, 38.6981, 17.8341



27.9073, 38.6981, 65.9091

Square

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



41.8512, 38.6981, 17.8341



26.8428, 38.6981, 29.7087



32.1385, 38.6981, 82.1350



48.9124, 38.6981, 57.6193

Rectangle

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



41.8512, 38.6981, 17.8341



31.7268, 38.6981, 18.1769



32.1385, 38.6981, 82.1350



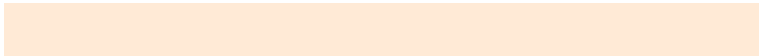
42.3462, 38.6981, 81.1958

Sweetspot

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



41.8521, 38.7000, 17.8349



82.6863, 84.6916, 75.7414



38.9810, 26.3984, 37.0995



17.3902, 17.7375, 15.4116



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.



41.8521, 38.7000, 17.8349



57.7219, 50.9660, 17.4674



53.2423, 61.4804, 21.6316



12.9031, 13.3804, 13.0633



19.6936, 14.5045, 1.7617



1.2704, 1.0399, 0.1338

Inverse Universe

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



30.3615, 33.1683, 68.4201



38.8165, 41.8470, 100.6392



22.7441, 17.9335, 65.8810



12.2786, 13.0806, 15.8152



10.9921, 10.2459, 39.8515



0.7456, 0.7832, 2.4312

Previews

White Background



This preview shows how the XYZ color 41.8512, 38.6981, 17.8341 looks on a white background.

Color Contrast Check

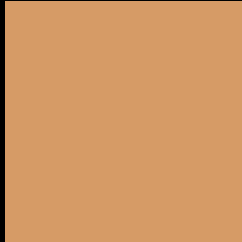
Large Text (above 18pt) WCAG AA × Fail

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 41.8512, 38.6981, 17.8341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

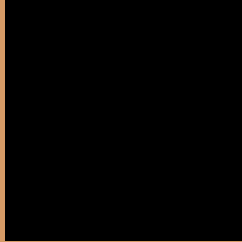
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8512, 38.6981, 17.8341

Background



This preview shows how black text looks on a background with the XYZ color 41.8512, 38.6981, 17.8341.



This preview shows how white text looks on a background with the XYZ color 41.8512, 38.6981,

17.8341.

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

41.8512, 38.6981, 17.8341

Protanopia

35.7640, 38.6441, 19.4840

Deuteranopia

39.5484, 38.7777, 17.7123



Tritanopia

46.0613, 38.7431, 37.8514

Trichromacy



Original Color

41.8512, 38.6981, 17.8341

Protanomaly

37.8951, 38.6836, 18.8340

Deuteranomaly

40.3079, 38.6587, 17.6493

Tritanomaly

44.2693, 38.7199, 29.1852

Monochromacy



Original Color

41.8512, 38.6981, 17.8341

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8223, 38.3679, 31.3989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8512, 38.6981, 17.8341 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(214, 155, 102)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 102)  
}
```

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(214, 155, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 102) }
```

Border

The CSS property to change the border of an element to XYZ 41.8512, 38.6981, 17.8341 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(214, 155, 102) }
```


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

```
.border{ border-color:rgb(214, 155, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 155, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 102);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8512, 38.6981, 17.8341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 102) }
```

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

```
.background{ background-color: rgb(214,  
155, 102) }
```

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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