

Converting Colors

XYZ(41.5879, 41.7910, 25.6132)

Have a look what the booklet for
XYZ(41.5879, 41.7910, 25.6132)
contains.

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Color

**XYZ(41.5879, 41.7910,
25.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A87E
RGB	200, 168, 126
RGB Percent	78%, 66%, 49%
CMY	0.2157, 0.3412, 0.5059
CMYK	0.00, 0.16, 0.37, 0.22
HSL	34°, 40%, 64%
HSV	34°, 37%, 78%
XYZ	41.5879, 41.7910, 25.6132
YIQ	172.7800, 32.5540, -6.2780

Conversions

Conversions Part 2

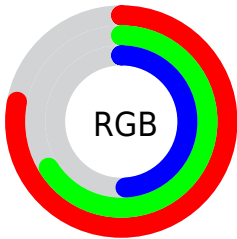
Format	Color
RYB	182, 200, 126
Decimal	13150334
CIELab	70.73, 5.77, 26.07
CIElCh	71, 26.697, 77.525
Yxy	41.7910, 0.3816, 0.3834
Android (android.graphics.Color)	4291340414 (0xFFC8A87E)
YUV	172.7800, -23.0625, 23.8719
Hunter-Lab	64.6460, 1.7018, 21.7610

Details

The XYZ color **41.5879, 41.7910, 25.6132** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2559, 33.0582, 59.3769**, and the grayscale version is **39.7114, 41.7795, 45.4979**.

A 20% lighter version of the original color is **75.7644, 77.2900, 53.5731**, and **19.2270, 19.0323, 9.4977** is the 20% darker color. If you saturate the color by 10%, you get **38.8807, 38.2395, 18.9678**, and if you desaturate by 10%, it is **44.6614, 45.6619, 33.6545**.

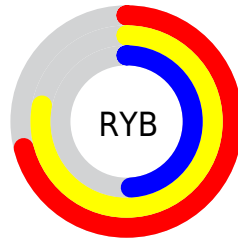
Distribution



Red (78%)

Green (66%)

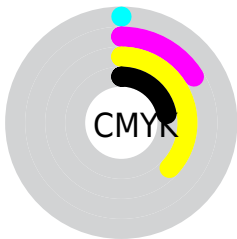
Blue (49%)



Red (71%)

Yellow (78%)

Blue (49%)

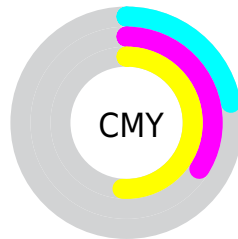


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5879, 41.7910, 25.6132 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 41.5879, 41.7910, 25.6132 by changing the saturation by 10% instead.


 41.5879, 41.7910,
25.6132


 41.5879, 41.7910,
25.6132


343.7925,
353.6158, 294.4229

 28.9684, 28.9377,
16.3113


 76.8446, 77.8832,
53.6267

 19.2011, 19.0337,
9.5880

 100.2126,
101.8909, 73.1754

 11.9206, 11.6946,
5.0246


 127.8941,
130.3855, 96.9768

 6.7614, 6.5361,
2.2027

160.2546,
163.7514, 125.4494

 3.3583, 3.1737,
0.6759

197.6593,
202.3729, 159.0118

 1.3460, 1.2231,
0.0000

240.4736,

 0.2172, 0.0804,

246.6346, 198.0824

0.0000

289.0629,
296.9208, 243.0800

■ 0.0000, 0.0000,
0.0000

■ 41.5879, 41.7910,
25.6132

■ 41.5879, 41.7910,
25.6132

■ 38.8807, 38.2395,
18.9678

■ 44.6614, 45.6619,
33.6545

■ 36.5192, 34.9914,
13.6337

■ 48.1142, 49.8561,
43.1644

■ 34.4852, 32.0375,
9.5208


■ 51.9625, 54.3847,
54.2138


■ 32.7571, 29.3658,
6.5266


■ 56.2204, 59.2563,
66.8679


■ 31.3102, 26.9626,
4.5315


■ 60.9015, 64.4793,
81.1884


 30.1116, 24.8112,
3.3743

 66.0183, 70.0616,
97.2336

 29.7834, 24.2074,
3.1027

 69.7606, 75.2819,
105.4618

 72.2069, 80.1743,
106.2772

 74.7739, 85.3083,
107.1329

Harmonies

Analogous

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



45.7494, 41.7910, 29.7898



41.5879, 41.7910, 25.6132



37.2131, 41.7910, 25.9940

Triad

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



41.5879, 41.7910, 25.6132



32.1459, 41.7910, 53.2444



46.3346, 41.7910, 64.0256

Complementary

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



41.5879, 41.7910, 25.6132



31.2559, 33.0582, 59.3769

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.



42.3393, 41.7910, 72.9267



41.5879, 41.7910, 25.6132



34.2470, 41.7910, 65.9516

Square

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



41.5879, 41.7910, 25.6132



31.9776, 41.7910, 40.4390



37.9110, 41.7910, 73.6906



48.6234, 41.7910, 50.9737

Rectangle

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



41.5879, 41.7910, 25.6132



34.7596, 41.7910, 28.7814



37.9110, 41.7910, 73.6906



45.1336, 41.7910, 67.6995

Sweetspot

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



41.5890, 41.7929, 25.6141



87.1105, 90.8279, 85.5772



37.4578, 29.6724, 36.1313



18.4488, 19.2099, 17.7528



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.



41.5890, 41.7929, 25.6141



68.3718, 67.6152, 35.3547



46.9431, 54.4258, 27.7702



11.1251, 11.6193, 11.2192



19.0279, 15.5729, 2.0030



0.9720, 0.8794, 0.1185

Inverse Universe

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



31.2559, 33.0582, 59.3769



48.0419, 50.4395, 101.8115



27.2363, 23.9123, 57.8235



10.4275, 11.0292, 13.4967



8.8543, 7.1025, 35.6486



0.4909, 0.4796, 1.7118

Previews

White Background



This preview shows how the XYZ color 41.5879, 41.7910, 25.6132 looks on a white background.

Color Contrast Check

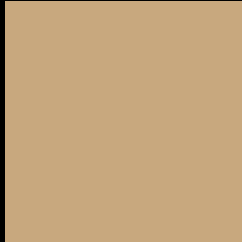
Large Text (above 18pt) WCAG AA × Fail

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 41.5879, 41.7910, 25.6132 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 41.5879, 41.7910, 25.6132

Background



This preview shows how black text looks on a background with the XYZ color 41.5879, 41.7910, 25.6132.



This preview shows how white text looks on a background with the XYZ color 41.5879, 41.7910,

25.6132.

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

41.5879, 41.7910, 25.6132

Protanopia

39.0896, 41.8848, 26.4464

Deuteranopia

42.5790, 41.7579, 25.5546



Tritanopia

45.7371, 41.8758, 45.7166

Trichromacy



Original Color

41.5879, 41.7910, 25.6132

Protanomaly

39.8795, 41.7345, 26.0324

Deuteranomaly

42.2132, 41.8403, 25.5898

Tritanomaly

43.9899, 41.6818, 37.6252

Monochromacy



Original Color

41.5879, 41.7910, 25.6132

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0921, 41.5934, 37.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5879, 41.7910, 25.6132 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(200, 168, 126)` looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 126)  
}
```

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(200, 168, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 126) }
```

Border

The CSS property to change the border of an element to XYZ 41.5879, 41.7910, 25.6132 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(200, 168, 126) }
```


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

```
.border{ border-color:rgb(200, 168, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 126);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5879, 41.7910, 25.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 126) }
```

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

```
.background{ background-color: rgb(200,  
168, 126) }
```

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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