

Converting Colors

XYZ(41.5593, 37.9720, 28.8155)

Have a look what the booklet for
XYZ(41.5593, 37.9720, 28.8155)
contains.

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Color

**XYZ(41.5246, 38.0392,
28.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9A89
RGB	206, 154, 137
RGB Percent	81%, 60%, 54%
CMY	0.1922, 0.3961, 0.4627
CMYK	0.00, 0.25, 0.33, 0.19
HSL	15°, 41%, 67%
HSV	15°, 33%, 81%
XYZ	41.5246, 38.0392, 28.8206
YIQ	167.6100, 36.4490, 5.7370

Conversions

Conversions Part 2

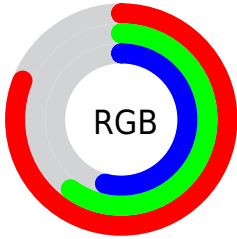
Format	Color
RYB	206, 160, 137
Decimal	13539977
CIELab	68.05, 17.11, 16.50
CIELCh	68, 23.772, 43.953
Yxy	38.0392, 0.3831, 0.3510
Android (android.graphics.Color)	4291730057 (0xFFCE9A89)
YUV	167.6100, -15.0907, 33.6680
Hunter-Lab	61.6759, 12.2460, 15.4675

Details

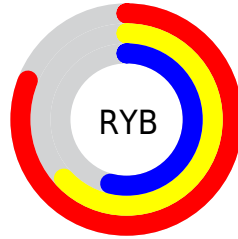
The XYZ color **41.5246, 38.0392, 28.8206** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6541, 46.1682, 65.2140**, and the grayscale version is **37.0883, 39.0197, 42.4925**.

A 20% lighter version of the original color is **73.3347, 70.5786, 58.4731**, and **19.1482, 16.8726, 11.2643** is the 20% darker color. If you saturate the color by 10%, you get **37.7872, 32.7077, 20.9672**, and if you desaturate by 10%, it is **45.8775, 44.1498, 38.2718**.

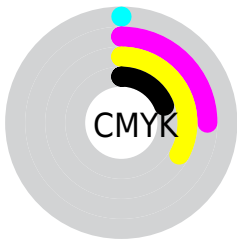
Distribution



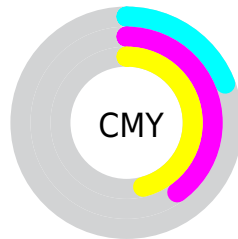
- Red (81%)
- Green (60%)
- Blue (54%)



- Red (81%)
- Yellow (63%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5246, 38.0392, 28.8206 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 41.5246, 38.0392, 28.8206 by changing the saturation by 10% instead.


 41.5246, 38.0392,
28.8206


 41.5246, 38.0392,
28.8206


343.5337,
337.7881, 310.4020


 28.9187, 26.0131,
18.7007


 76.7493, 72.1682,
58.8307

 19.1633, 16.8335,
11.2796


 100.0988, 95.0399,
79.5580

 11.8930, 10.1158,
6.1387


 127.7603,
122.2957, 104.6583

 6.7426, 5.4758,
2.8595

160.0990,
154.3198, 134.5500

 3.3465, 2.5291,
1.0233

197.4803,
191.4967, 169.6516

 1.3396, 0.8911,
0.0000

240.2696,

 0.2125, 0.0000,

234.2108, 210.3818

0.0000

288.8323,
282.8465, 257.1591

■ 0.0000, 0.0000,
0.0000

■ 41.5246, 38.0392,
28.8206

■ 41.5246, 38.0392,
28.8206

■ 37.7872, 32.7077,
20.9672

■ 45.8775, 44.1498,
38.2718

■ 34.6337, 28.1184,
14.6204

■ 50.8696, 51.0640,
49.4007

■ 32.0338, 24.2390,
9.6830

■ 56.5272, 58.8117,
62.2844

■ 29.9533, 21.0329,
6.0456

■ 62.8739, 67.4198,
76.9947

■ 28.3537, 18.4600,
3.5822

■ 69.9324, 76.9139,
93.5991

■ 27.1905, 16.4751,
2.1414

■ 76.8089, 86.9523,
107.3430

■ 26.6273, 15.4692,
1.5824

■ 79.2637, 91.8618,
108.1612

Harmonies

Analogous

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



43.5114, 38.0392, 36.6951



41.5246, 38.0392, 28.8206



38.1583, 38.0392, 24.7554

Triad

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



41.5246, 38.0392, 28.8206



29.7375, 38.0392, 36.0356



37.8986, 38.0392, 64.5160

Complementary

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



41.5246, 38.0392, 28.8206



39.6541, 46.1682, 65.2140

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.



34.2233, 38.0392, 64.2574



41.5246, 38.0392, 28.8206



29.6785, 38.0392, 46.5302

Square

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



41.5246, 38.0392, 28.8206



31.4369, 38.0392, 28.4092



31.2697, 38.0392, 57.2374



41.3233, 38.0392, 57.8930

Rectangle

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



41.5246, 38.0392, 28.8206



35.6666, 38.0392, 24.2300



31.2697, 38.0392, 57.2374



36.6480, 38.0392, 65.2619

Sweetspot

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



41.5256, 38.0410, 28.8214



85.3862, 86.8119, 86.7513



43.6829, 34.7269, 53.0588



18.0048, 18.2088, 17.9534



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.



41.5256, 38.0410, 28.8214



62.9374, 55.4552, 37.5238



47.8671, 50.7240, 30.9352



11.4332, 11.6553, 11.7265



16.4612, 9.6554, 0.9961



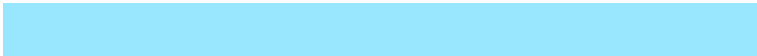
0.9109, 0.6215, 0.0719

Inverse Universe

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



39.6541, 46.1682, 65.2140



59.4456, 70.5097, 105.0844



33.2455, 33.3511, 63.0778



11.3000, 12.2404, 14.3374



14.1813, 17.3865, 38.5648



0.7890, 1.0117, 2.0086

Previews

White Background



This preview shows how the XYZ color 41.5246, 38.0392, 28.8206 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 41.5246, 38.0392, 28.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

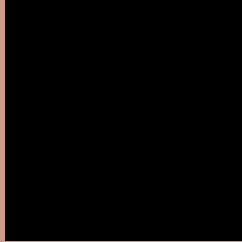
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5246, 38.0392, 28.8206

Background



This preview shows how black text looks on a background with the XYZ color 41.5246, 38.0392, 28.8206.



This preview shows how white text looks on a background with the XYZ color 41.5246, 38.0392,

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

41.5246, 38.0392, 28.8206

Protanopia

36.0497, 38.2543, 31.4704

Deuteranopia

39.0071, 38.2566, 28.6209



Tritanopia

43.7224, 37.9766, 39.2082

Trichromacy



Original Color

41.5246, 38.0392, 28.8206

Protanomaly

37.9777, 38.2029, 30.5715

Deuteranomaly

39.9595, 38.2371, 28.5669

Tritanomaly

42.8288, 37.8430, 35.1841

Monochromacy



Original Color

41.5246, 38.0392, 28.8206

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4744, 38.5738, 37.3160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5246, 38.0392, 28.8206 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(206, 154, 137)` looks like.

```
.text, #text, p{  
    color:rgb(206, 154, 137)  
}
```

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(206, 154, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 154, 137) }
```

Border

The CSS property to change the border of an element to XYZ 41.5246, 38.0392, 28.8206 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(206, 154, 137) }
```


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

```
.border{ border-color:rgb(206, 154, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 154, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 154, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 154, 137);  
box-shadow:4px 4px 4px 4px rgb(206, 154,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5246, 38.0392, 28.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 154, 137) }
```

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

```
.background{ background-color: rgb(206,  
154, 137) }
```

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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