

Converting Colors

XYZ(40.0968, 38.4610, 27.6271)

Have a look what the booklet for
XYZ(40.0968, 38.4610, 27.6271)
contains.

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Color

**XYZ(40.1850, 38.6318,
27.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	C79F85
RGB	199, 159, 133
RGB Percent	78%, 62%, 52%
CMY	0.2196, 0.3765, 0.4784
CMYK	0.00, 0.20, 0.33, 0.22
HSL	24°, 37%, 65%
HSV	24°, 33%, 78%
XYZ	40.1850, 38.6318, 27.5290
YIQ	167.9960, 32.1860, 0.3940

Conversions

Conversions Part 2

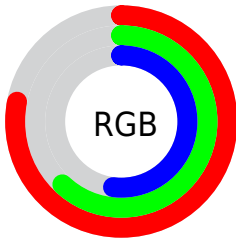
Format	Color
RYB	199, 176, 133
Decimal	13082501
CIELab	68.48, 11.12, 19.20
CIELCh	68, 22.183, 59.923
Yxy	38.6318, 0.3779, 0.3633
Android (android.graphics.Color)	4291272581 (0xFFC79F85)
YUV	167.9960, -17.2530, 27.1905
Hunter-Lab	62.1545, 6.6360, 17.2479

Details

The XYZ color **40.1850, 38.6318, 27.5290** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9249, 38.9961, 59.7194**, and the grayscale version is **37.2892, 39.2312, 42.7228**.

A 20% lighter version of the original color is **74.1495, 72.8983, 56.6171**, and **18.4255, 17.2789, 10.5477** is the 20% darker color. If you saturate the color by 10%, you get **36.9649, 34.1872, 20.3032**, and if you desaturate by 10%, it is **43.8700, 43.5889, 36.1956**.

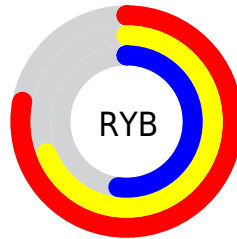
Distribution



Red (78%)

Green (62%)

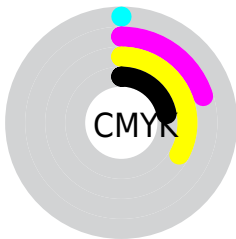
Blue (52%)



Red (78%)

Yellow (69%)

Blue (52%)

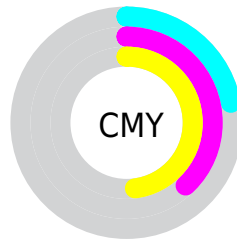


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1850, 38.6318, 27.5290 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 40.1850, 38.6318, 27.5290 by changing the saturation by 10% instead.


 40.1850, 38.6318,
27.5290


 40.1850, 38.6318,
27.5290


338.0238,
340.3225, 304.0502


 27.8677, 26.4734,
17.7350


 74.7277, 73.0755,
56.7456

 18.3659, 17.1781,
10.5924


 97.6838, 96.1296,
77.0053

 11.3143, 10.3616,
5.6828


 124.9168,
123.5844, 101.5905

 6.3475, 5.6393,
2.5875

156.7921,
155.8243, 130.9200

 3.1002, 2.6270,
0.8860

193.6752,
193.2336, 165.4121

 1.2069, 0.9403,
0.0000

235.9312,

 0.1118, 0.0000,

236.1968, 205.4855

0.0000

283.9256,
285.0983, 251.5587

0.0000, 0.0000,
0.0000

40.1850, 38.6318,
27.5290

40.1850, 38.6318,
27.5290

36.9649, 34.1872,
20.3032

43.8700, 43.5889,
36.1956

34.1861, 30.2322,
14.4363

48.0359, 49.0697,
46.3741

31.8274, 26.7501,
9.8416

52.7018, 55.0915,
58.1337

29.8642, 23.7210,
6.4213

57.8847, 61.6694,
71.5385

28.2691, 21.1232,
4.0632

63.6006, 68.8178,
86.6490

■ 27.0097, 18.9323,
2.6322

■ 69.8649, 76.5504,
103.5229

■ 26.3066, 17.6488,
2.0200

■ 73.7801, 83.7157,
106.8779

■ 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



42.8465, 38.6318, 33.1871



40.1850, 38.6318, 27.5290



36.7274, 38.6318, 25.6242

Triad

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



40.1850, 38.6318, 27.5290



30.4087, 38.6318, 42.0375



40.1683, 38.6318, 61.0142

Complementary

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



40.1850, 38.6318, 27.5290



34.9249, 38.9961, 59.7194

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.



36.7093, 38.6318, 64.3559



40.1850, 38.6318, 27.5290



31.2043, 38.6318, 52.3963

Square

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



40.1850, 38.6318, 27.5290



31.2125, 38.6318, 33.1487



33.4571, 38.6318, 60.9809



42.8364, 38.6318, 52.4484

Rectangle

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



40.1850, 38.6318, 27.5290



34.4790, 38.6318, 26.4595



33.4571, 38.6318, 60.9809



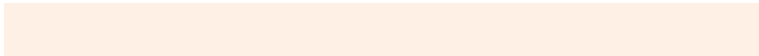
39.0526, 38.6318, 62.8409

Sweetspot

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



40.1860, 38.6336, 27.5298



86.4797, 88.9989, 87.1158



39.5518, 31.9619, 43.9763



18.2682, 18.7355, 18.0412



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.



40.1860, 38.6336, 27.5298



66.1013, 61.7829, 38.5784



46.4834, 51.2285, 29.6289



10.9710, 11.3111, 11.1678



16.9956, 11.5084, 1.3256



0.8750, 0.6855, 0.0862

Inverse Universe

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



34.9249, 38.9961, 59.7194



55.4395, 62.4976, 103.7490



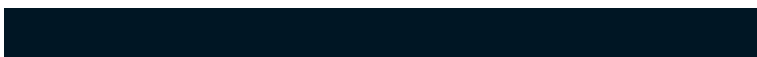
29.4628, 28.0720, 57.8987



10.5824, 11.3389, 13.5484



11.0811, 11.5562, 36.3909



0.5938, 0.6855, 1.7462

Previews

White Background



This preview shows how the XYZ color 40.1850, 38.6318, 27.5290 looks on a white background.

Color Contrast Check

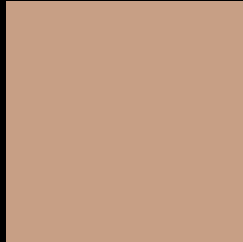
Large Text (above 18pt) WCAG AA × Fail

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 40.1850, 38.6318, 27.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

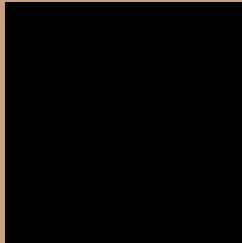
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1850, 38.6318, 27.5290

Background



This preview shows how black text looks on a background with the XYZ color 40.1850, 38.6318, 27.5290.



This preview shows how white text looks on a background with the XYZ color 40.1850, 38.6318,

27.5290.

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

40.1850, 38.6318, 27.5290

Protanopia

36.4655, 38.7907, 29.2323

Deuteranopia

39.4842, 38.7853, 27.5956



Tritanopia

43.0671, 38.5609, 41.2495

Trichromacy



Original Color

40.1850, 38.6318, 27.5290

Protanomaly

37.7270, 38.6428, 28.7629

Deuteranomaly

39.5694, 38.5708, 27.5497

Tritanomaly

42.0783, 38.6666, 35.8175

Monochromacy



Original Color

40.1850, 38.6318, 27.5290

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.9619, 38.8605, 36.5104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1850, 38.6318, 27.5290 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(199, 159, 133)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 133)  
}
```

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(199, 159, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 133) }
```

Border

The CSS property to change the border of an element to XYZ 40.1850, 38.6318, 27.5290 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(199, 159, 133) }
```


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

```
.border{ border-color:rgb(199, 159, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 133);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1850, 38.6318, 27.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 133) }
```

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

```
.background{ background-color: rgb(199,  
159, 133) }
```

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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