

Converting Colors

XYZ(41.2302, 38.8474, 34.2888)

Have a look what the booklet for
XYZ(41.2302, 38.8474, 34.2888)
contains.

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Color

**XYZ(41.2851, 38.7978,
34.1669)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C79E96 |
| RGB | 199, 158, 150 |
| RGB Percent | 78%, 62%, 59% |
| CMY | 0.2196, 0.3804, 0.4118 |
| CMYK | 0.00, 0.21, 0.25, 0.22 |
| HSL | 10°, 30%, 68% |
| HSV | 10°, 25%, 78% |
| XYZ | 41.2851, 38.7978, 34.1669 |
| YIQ | 169.3470, 27.0040, 6.2040 |

Conversions

Conversions Part 2

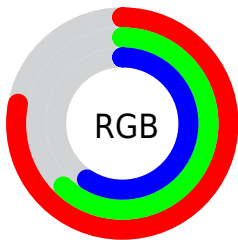
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 160, 150 |
| Decimal | 13082262 |
| CIELab | 68.60, 13.99, 9.96 |
| CIELCh | 69, 17.174, 35.453 |
| Yxy | 38.7978, 0.3614, 0.3396 |
| Android (android.graphics.Color) | 4291272342 (0xFFC79E96) |
| YUV | 169.3470, -9.5381, 26.0057 |
| Hunter-Lab | 62.2879, 9.3080, 11.0790 |

Details

The XYZ color **41.2851, 38.7978, 34.1669** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5169, 47.8680, 61.0845**, and the grayscale version is **37.9212, 39.8960, 43.4468**.

A 20% lighter version of the original color is **75.9333, 73.2081, 67.2552**, and **19.0114, 17.3455, 14.1504** is the 20% darker color. If you saturate the color by 10%, you get **37.1667, 32.9113, 25.5483**, and if you desaturate by 10%, it is **46.0625, 45.5663, 44.3487**.

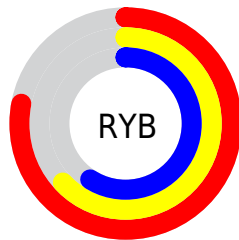
Distribution



Red (78%)

Green (62%)

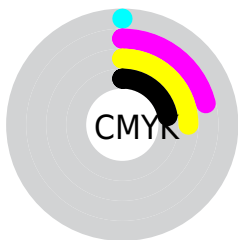
Blue (59%)



Red (78%)

Yellow (63%)

Blue (59%)

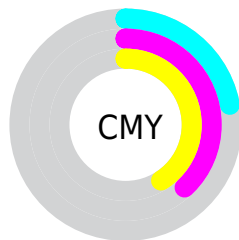


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2851, 38.7978, 34.1669 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 41.2851, 38.7978, 34.1669 by changing the saturation by 10% instead.


 41.2851, 38.7978,
34.1669


 41.2851, 38.7978,
34.1669


342.5530,
341.0301, 335.6675

 28.7306, 26.6025,
22.7434


 76.3885, 73.3293,
67.3300

 19.0204, 17.2749,
14.2007


 99.6680, 96.4343,
89.9067

 11.7891, 10.4307,
8.1200


127.2533,
123.9446, 117.0383

 6.6714, 5.6854,
4.0830

159.5097,
156.2447, 149.1432

 3.3019, 2.6548,
1.6710

196.8025,
193.7188, 186.6400

 1.3154, 0.9543,
0.3407

239.4971,

 0.1947, 0.0000,

236.7515, 229.9473

0.0000

287.9588,
285.7271, 279.4836

■ 0.0000, 0.0000,
0.0000

■ 41.2851, 38.7978,
34.1669

■ 41.2851, 38.7978,
34.1669

■ 37.1667, 32.9113,
25.5483

■ 46.0625, 45.5663,
44.3487

■ 33.6752, 27.8652,
18.4129

■ 51.5231, 53.2455,
56.1633

■ 30.7801, 23.6225,
12.6775

■ 57.6936, 61.8695,
69.6791

■ 28.4475, 20.1413,
8.2492

■ 64.5984, 71.4691,
84.9600

■ 26.6396, 17.3761,
5.0244

■ 72.2607, 82.0734,
102.0664

■ 25.3139, 15.2760,
2.8833

■ 77.3634, 90.8822,
108.0723

■ 24.4209, 13.7834,
1.6809

■ 24.0836, 13.2026,
1.2790

Harmonies

Analogous

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



42.3096, 38.7978, 40.8420



41.2851, 38.7978, 34.1669



39.0832, 38.7978, 30.0732

Triad

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



41.2851, 38.7978, 34.1669



32.3371, 38.7978, 36.3437



37.3735, 38.7978, 58.9069

Complementary

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



41.2851, 38.7978, 34.1669



41.5169, 47.8680, 61.0845

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.



34.7538, 38.7978, 57.3224



41.2851, 38.7978, 34.1669



31.9290, 38.7978, 43.6782

Square

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



41.2851, 38.7978, 34.1669



33.9359, 38.7978, 31.2180



32.7928, 38.7978, 51.5037



39.9815, 38.7978, 55.6019

Rectangle

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



41.2851, 38.7978, 34.1669



37.2907, 38.7978, 29.0474



32.7928, 38.7978, 51.5037



36.4647, 38.7978, 58.9326

Sweetspot

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



41.2861, 38.7996, 34.1677



87.7274, 89.7420, 92.9339



43.9357, 37.7456, 54.6365



18.6484, 19.0275, 19.6121



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.



41.2861, 38.7996, 34.1677



67.9560, 61.7541, 50.7212



45.7559, 47.7391, 35.6576



10.7715, 10.9122, 11.1013



15.5294, 8.5759, 0.8368



0.7804, 0.4963, 0.0547

Inverse Universe

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



41.5169, 47.8680, 61.0845



68.4275, 80.5492, 106.5488



36.7332, 38.3005, 59.4899



10.7935, 11.7612, 13.6187



15.5096, 20.4131, 37.8670



0.7748, 1.0475, 1.8065

Previews

White Background



This preview shows how the XYZ color 41.2851, 38.7978, 34.1669 looks on a white background.

Color Contrast Check

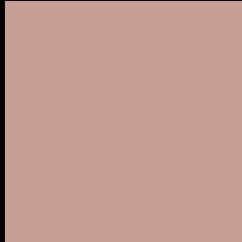
Large Text (above 18pt) WCAG AA × Fail

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 41.2851, 38.7978, 34.1669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

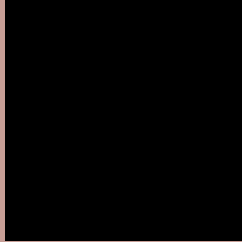
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2851, 38.7978, 34.1669

Background



This preview shows how black text looks on a background with the XYZ color 41.2851, 38.7978, 34.1669.



This preview shows how white text looks on a background with the XYZ color 41.2851, 38.7978,

34.1669.

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

41.2851, 38.7978, 34.1669

Protanopia

37.1907, 39.0027, 36.5785

Deuteranopia

39.4049, 38.6068, 33.8088



Tritanopia

42.7838, 38.6502, 41.7645

Trichromacy



Original Color

41.2851, 38.7978, 34.1669

Protanomaly

38.5537, 38.9181, 35.6169

Deuteranomaly

39.9879, 38.6490, 33.7862

Tritanomaly

42.1409, 38.6295, 38.9534

Monochromacy



Original Color

41.2851, 38.7978, 34.1669

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7991, 39.2222, 39.7081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2851, 38.7978, 34.1669 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, 158, 150)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 150)  
}
```

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, 158, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.2851, 38.7978, 34.1669 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, 158, 150) }
```


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

```
.border{ border-color:rgb(199, 158, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 150);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2851, 38.7978, 34.1669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 150) }
```

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

```
.background{ background-color: rgb(199,  
158, 150) }
```

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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