

Converting Colors

XYZ(42.0624, 41.2636, 34.1815)

Have a look what the booklet for
XYZ(42.0624, 41.2636, 34.1815)
contains.

XYZ(42.0870, 41.3127, 34.1897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.0870, 41.3127,
34.1897)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A695
RGB	197, 166, 149
RGB Percent	77%, 65%, 58%
CMY	0.2274, 0.3490, 0.4157
CMYK	0.00, 0.16, 0.24, 0.23
HSL	21°, 29%, 68%
HSV	21°, 24%, 77%
XYZ	42.0870, 41.3127, 34.1897
YIQ	173.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

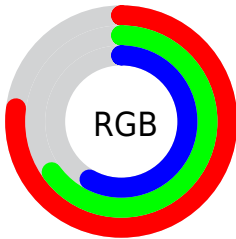
Format	Color
R_{YB}	197, 175, 149
Decimal	12953237
CIE _{Lab}	70.39, 8.71, 13.02
CIE _{LCh}	70, 15.663, 56.211
Yxy	41.3127, 0.3579, 0.3513
Android (android.graphics.Color)	4291143317 (0xFFC5A695)
YUV	173.3310, -11.9952, 20.7577
Hunter-Lab	64.2750, 4.4000, 13.4544

Details

The XYZ color **42.0870, 41.3127, 34.1897** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7933, 43.0621, 59.0907**, and the grayscale version is **39.9411, 42.0212, 45.7611**.

A 20% lighter version of the original color is **77.5090, 77.0955, 67.2957**, and **19.5496, 18.7561, 14.1452** is the 20% darker color. If you saturate the color by 10%, you get **38.4463, 36.3388, 25.8618**, and if you desaturate by 10%, it is **46.2248, 46.8543, 43.9968**.

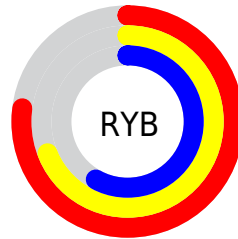
Distribution



Red (77%)

Green (65%)

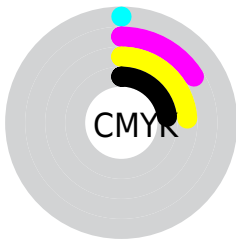
Blue (58%)



Red (77%)

Yellow (69%)

Blue (58%)



Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (23%)



Cyan (23%)

Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0870, 41.3127, 34.1897 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 42.0870, 41.3127, 34.1897 by changing the saturation by 10% instead.


 42.0870, 41.3127,
34.1897


 42.0870, 41.3127,
34.1897


345.8290,
351.6258, 335.7720

 29.3608, 28.5635,
22.7608


 77.5956, 77.1584,
67.3658

 19.4996, 18.7509,
14.2134


 101.1088,
101.0236, 89.9502

 12.1380, 11.4904,
8.1288


128.9483,
129.3630, 117.0901

 6.9106, 6.3977,
4.0885

161.4796,
162.5609, 149.2041

 3.4521, 3.0884,
1.6740

199.0679,
201.0018, 186.7107

 1.3971, 1.1781,
0.3428

242.0787,

 0.2542, 0.0437,

245.0699, 230.0286

0.0000

290.8772,
295.1498, 279.5762

■ 0.0000, 0.0000,
0.0000

■ 42.0870, 41.3127,
34.1897

■ 42.0870, 41.3127,
34.1897

■ 38.4463, 36.3388,
25.8618

■ 46.2248, 46.8543,
43.9968

■ 35.2793, 31.9084,
18.9378

■ 50.8751, 52.9757,
55.3481

■ 32.5658, 28.0038,
13.3397

■ 56.0567, 59.6955,
68.3078

■ 30.2823, 24.6039,
8.9807

■ 61.7866, 67.0299,
82.9359

■ 28.4033, 21.6863,
5.7635

■ 68.0809, 74.9944,
99.2891

■ 26.8998, 19.2262,
3.5759

■ 72.9273, 82.7929,
106.7447

■ 25.7378, 17.1964,
2.2824

■ 76.8361, 90.6104,
108.0476

■ 25.2029, 16.2241,
1.8032

Harmonies

Analogous

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



43.8817, 41.3127, 39.0015



42.0870, 41.3127, 34.1897



39.5948, 41.3127, 32.2569

Triad

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



42.0870, 41.3127, 34.1897



34.5271, 41.3127, 44.0513



41.4958, 41.3127, 58.9525

Complementary

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



42.0870, 41.3127, 34.1897



38.7933, 43.0621, 59.0907

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.



38.9400, 41.3127, 60.6794



42.0870, 41.3127, 34.1897



34.9868, 41.3127, 51.5457

Square

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



42.0870, 41.3127, 34.1897



35.2908, 41.3127, 37.5433



36.5749, 41.3127, 57.8366



43.5300, 41.3127, 53.3447

Rectangle

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



42.0870, 41.3127, 34.1897



37.8994, 41.3127, 32.6860



36.5749, 41.3127, 57.8366



40.6661, 41.3127, 60.0308

Sweetspot

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



42.0881, 41.3146, 34.1906



88.7404, 91.7681, 93.2716



42.0324, 36.6692, 48.1498



18.8825, 19.4956, 19.6901



0.0000, 0.0000, 0.0000



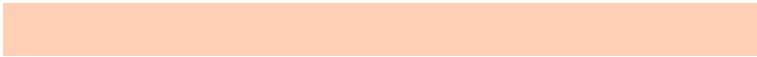
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.0881, 41.3146, 34.1906



71.9583, 69.3436, 53.3350



46.8212, 50.7809, 35.7683



10.9362, 11.2415, 11.1562



16.6489, 10.8150, 1.2100



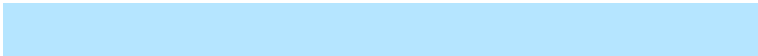
0.8566, 0.6486, 0.0800

Inverse Universe

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



38.7933, 43.0621, 59.0907



65.0827, 72.9796, 105.2640



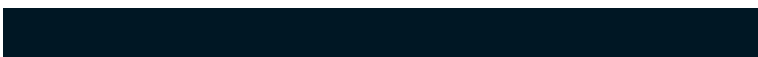
34.3950, 34.2654, 57.6246



10.6184, 11.4108, 13.5604



11.7198, 12.8336, 36.6038



0.6213, 0.7405, 1.7553

Previews

White Background



This preview shows how the XYZ color 42.0870, 41.3127, 34.1897 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 42.0870, 41.3127, 34.1897 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 42.0870, 41.3127, 34.1897

Background



This preview shows how black text looks on a background with the XYZ color 42.0870, 41.3127, 34.1897.



This preview shows how white text looks on a background with the XYZ color 42.0870, 41.3127,

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

42.0870, 41.3127, 34.1897

Protanopia

39.2424, 41.4753, 35.6430

Deuteranopia

42.0870, 41.3127, 34.1897



Tritanopia

44.4776, 41.2152, 46.1685

Trichromacy



Original Color

42.0870, 41.3127, 34.1897

Protanomaly

40.2103, 41.4229, 35.1543

Deuteranomaly

42.0870, 41.3127, 34.1897

Tritanomaly

43.5333, 41.0897, 41.7130

Monochromacy



Original Color

42.0870, 41.3127, 34.1897

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3670, 41.3749, 40.9805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0870, 41.3127, 34.1897 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(197, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(197, 166, 149)  
}
```

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(197, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 166, 149) }
```

Border

The CSS property to change the border of an element to XYZ 42.0870, 41.3127, 34.1897 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(197, 166, 149) }
```


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

```
.border{ border-color:rgb(197, 166, 149) }
```

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

Here you see how a box with a 4 pixel rgb(197, 166, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(197, 166,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0870, 41.3127, 34.1897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 166, 149) }
```

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

```
.background{ background-color: rgb(197,  
166, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor