

Converting Colors

XYZ(41.9323, 40.9139, 33.7326)

Have a look what the booklet for
XYZ(41.9323, 40.9139, 33.7326)
contains.

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Color

**XYZ(42.0891, 41.0542,
33.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A594
RGB	198, 165, 148
RGB Percent	78%, 65%, 58%
CMY	0.2235, 0.3529, 0.4196
CMYK	0.00, 0.17, 0.25, 0.22
HSL	20°, 30%, 68%
HSV	20°, 25%, 78%
XYZ	42.0891, 41.0542, 33.7229
YIQ	172.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

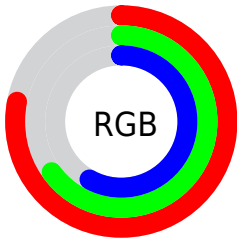
Format	Color
RYB	198, 174, 148
Decimal	13018516
CIELab	70.21, 9.50, 13.33
CIELCh	70, 16.365, 54.532
Yxy	41.0542, 0.3601, 0.3513
Android (android.graphics.Color)	4291208596 (0xFFC6A594)
YUV	172.9290, -12.2900, 21.9873
Hunter-Lab	64.0736, 5.1257, 13.6462

Details

The XYZ color **42.0891, 41.0542, 33.7229** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9291, 43.4194, 59.7551**, and the grayscale version is **39.7369, 41.8063, 45.5271**.

A 20% lighter version of the original color is **77.4939, 76.7107, 66.5994**, and **19.3905, 18.5130, 13.8606** is the 20% darker color. If you saturate the color by 10%, you get **38.4166, 36.0062, 25.4167**, and if you desaturate by 10%, it is **46.2727, 46.6948, 43.5230**.

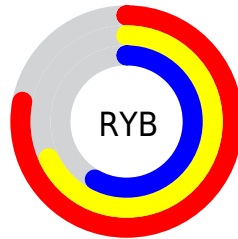
Distribution



Red (78%)

Green (65%)

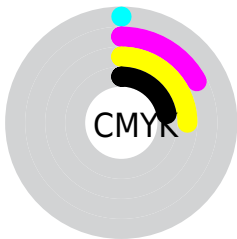
Blue (58%)



Red (78%)

Yellow (68%)

Blue (58%)

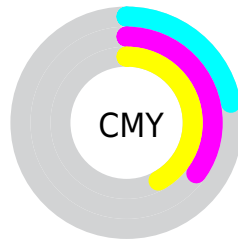


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0891, 41.0542, 33.7229 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 42.0891, 41.0542, 33.7229 by changing the saturation by 10% instead.


 42.0891, 41.0542,
33.7229


 42.0891, 41.0542,
33.7229


345.8375,
350.5471, 333.6261

 29.3625, 28.3614,
22.4052


 77.5988, 76.7662,
66.6315

 19.5009, 18.5983,
13.9538


 101.1125,
100.5542, 89.0594

 12.1389, 11.3804,
7.9501


128.9527,
128.8093, 116.0278

 6.9112, 6.3233,
3.9757

161.4847,
161.9161, 147.9553

 3.4525, 3.0426,
1.6120

199.0738,
200.2589, 185.2603

 1.3973, 1.1540,
0.2994

242.0854,

 0.2543, 0.0237,

244.2221, 228.3614

0.0000

290.8849,
294.1900, 277.6771

■ 0.0000, 0.0000,
0.0000

■ 42.0891, 41.0542,
33.7229

■ 42.0891, 41.0542,
33.7229

■ 38.4166, 36.0062,
25.4167

■ 46.2727, 46.6948,
43.5230

■ 35.2311, 31.5254,
18.5277

■ 50.9838, 52.9412,
54.8835

■ 32.5113, 27.5926,
12.9760

■ 56.2418, 59.8132,
67.8699

■ 30.2329, 24.1853,
8.6727

■ 62.0643, 67.3282,
82.5433

■ 28.3691, 21.2794,
5.5180

■ 68.4680, 75.5025,
98.9616

■ 26.8895, 18.8485,
3.3964

■ 73.5100, 83.5684,
106.8637

■ 25.7585, 16.8629,
2.1672

■ 77.0987, 90.7458,
108.0599

■ 25.3160, 16.0603,
1.7656

Harmonies

Analogous

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



43.9009, 41.0542, 38.8472



42.0891, 41.0542, 33.7229



39.5141, 41.0542, 31.5564

Triad

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



42.0891, 41.0542, 33.7229



34.1109, 41.0542, 43.3088



41.2005, 41.0542, 59.5221

Complementary

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



42.0891, 41.0542, 33.7229



38.9291, 43.4194, 59.7551

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.



38.5316, 41.0542, 61.0669



42.0891, 41.0542, 33.7229



34.5165, 41.0542, 51.1153

Square

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



42.0891, 41.0542, 33.7229



34.9711, 41.0542, 36.6700



36.1053, 41.0542, 57.8354



43.3716, 41.0542, 53.8266

Rectangle

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



42.0891, 41.0542, 33.7229



37.7416, 41.0542, 31.8786



36.1053, 41.0542, 57.8354



40.3286, 41.0542, 60.5695

Sweetspot

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



42.0902, 41.0561, 33.7237



87.7924, 90.4645, 91.1288



42.2536, 36.5359, 48.7210



18.5143, 18.9967, 18.8353



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.



42.0902, 41.0561, 33.7237



71.0421, 67.9262, 51.7499



46.9755, 50.8267, 35.3522



10.9238, 11.2168, 11.1521



16.5354, 10.5880, 1.1722



0.8503, 0.6361, 0.0780

Inverse Universe

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



38.9291, 43.4194, 59.7551



64.5398, 72.7737, 105.2529



34.3507, 34.2626, 58.2290



10.6312, 11.4365, 13.5646



11.9596, 13.3130, 36.6837



0.6315, 0.7608, 1.7587

Previews

White Background



This preview shows how the XYZ color 42.0891, 41.0542, 33.7229 looks on a white background.

Color Contrast Check

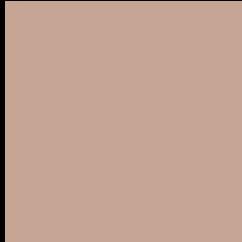
Large Text (above 18pt) WCAG AA × Fail

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 42.0891, 41.0542, 33.7229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

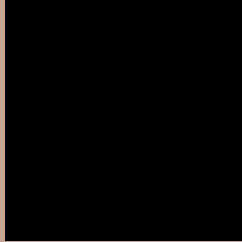
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0891, 41.0542, 33.7229

Background



This preview shows how black text looks on a background with the XYZ color 42.0891, 41.0542, 33.7229.



This preview shows how white text looks on a background with the XYZ color 42.0891, 41.0542,

33.7229.

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

42.0891, 41.0542, 33.7229

Protanopia

38.9712, 41.0635, 35.1502

Deuteranopia

41.8264, 40.9187, 33.7106



Tritanopia

44.4722, 40.9632, 45.6072

Trichromacy



Original Color

42.0891, 41.0542, 33.7229

Protanomaly

40.1865, 41.1427, 34.6774

Deuteranomaly

41.8264, 40.9187, 33.7106

Tritanomaly

43.5313, 40.8366, 41.1852

Monochromacy



Original Color

42.0891, 41.0542, 33.7229

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 42.0891, 41.0542, 33.7229 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(198, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(198, 165, 148)  
}
```

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(198, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 148) }
```

Border

The CSS property to change the border of an element to XYZ 42.0891, 41.0542, 33.7229 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(198, 165, 148) }
```


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

```
.border{ border-color:rgb(198, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0891, 41.0542, 33.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 148) }
```

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

```
.background{ background-color: rgb(198,  
165, 148) }
```

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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