

Converting Colors

XYZ(40.5967, 42.4987, 30.5681)

Have a look what the booklet for
XYZ(40.5967, 42.4987, 30.5681)
contains.

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Color

**XYZ(40.5900, 42.5700,
30.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAD8B
RGB	189, 173, 139
RGB Percent	74%, 68%, 55%
CMY	0.2588, 0.3215, 0.4549
CMYK	0.00, 0.08, 0.26, 0.26
HSL	41°, 27%, 64%
HSV	41°, 26%, 74%
XYZ	40.5900, 42.5700, 30.5036
YIQ	173.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

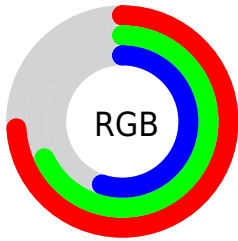
Format	Color
RYB	163, 189, 139
Decimal	12430731
CIELab	71.26, 0.40, 19.59
CIELCh	71, 19.590, 88.837
Yxy	42.5700, 0.3571, 0.3745
Android (android.graphics.Color)	4290620811 (0xFFBDAD8B)
YUV	173.9080, -17.2096, 13.2357
Hunter-Lab	65.2457, -3.1333, 17.9528

Details

The XYZ color **40.5900, 42.5700, 30.5036** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5539, 32.6049, 52.7745**, and the grayscale version is **40.2640, 42.3608, 46.1309**.

A 20% lighter version of the original color is **75.3751, 78.9299, 61.7144**, and **18.6322, 19.5469, 12.2421** is the 20% darker color. If you saturate the color by 10%, you get **38.1937, 39.7995, 23.4707**, and if you desaturate by 10%, it is **43.2798, 45.5448, 38.8133**.

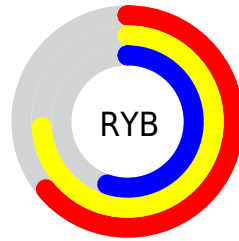
Distribution



Red (74%)

Green (68%)

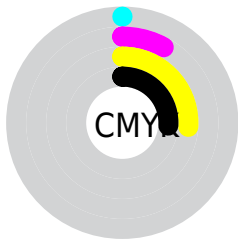
Blue (55%)



Red (64%)

Yellow (74%)

Blue (55%)

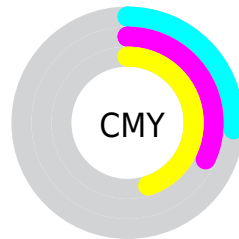


Cyan (0%)

Magenta (8%)

Yellow (26%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5900, 42.5700, 30.5036 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 40.5900, 42.5700, 30.5036 by changing the saturation by 10% instead.

■ 40.5900, 42.5700,
30.5036

■ 40.5900, 42.5700,
30.5036

339.6960,
356.8404, 318.5249

■ 28.1851, 29.5479,
19.9659

■ 75.3398, 79.0616,
61.5281

■ 18.6064, 19.4957,
12.1864

■ 98.4153, 103.2998,
82.8519

■ 11.4885, 12.0290,
6.7467

■ 125.7785,
132.0455, 108.6081

■ 6.4662, 6.7634,
3.2281

157.7947,
165.6832, 139.2154

■ 3.1739, 3.3146,
1.2123

194.8291,
204.5971, 175.0921

■ 1.2464, 1.2981,
0.0000

237.2473,

■ 0.1425, 0.1397,

249.1716, 216.6569

0.0000

285.4145,
299.7913, 264.3284

■ 0.0000, 0.0000,
0.0000

■ 40.5900, 42.5700,
30.5036

■ 40.5900, 42.5700,
30.5036

■ 38.1937, 39.7995,
23.4707

■ 43.2798, 45.5448,
38.8133

■ 36.0746, 37.2213,
17.6468

■ 46.2717, 48.7240,
48.4572

■ 34.2198, 34.8306,
12.9623

■ 49.5784, 52.1153,
59.4928

■ 32.6136, 32.6199,
9.3390

■ 53.2105, 55.7238,
71.9732

■ 31.2388, 30.5812,
6.6889

■ 57.1780, 59.5546,
85.9486

■ 30.0751, 28.7052,
4.9096

■ 61.4908, 63.6127,
101.4671

■ 29.0964, 26.9802,
3.8666

■ 63.4208, 66.8079,
104.1603

■ 28.7756, 26.3973,
3.5786

■ 64.9922, 69.9507,
104.6841

■ 66.6212, 73.2086,
105.2271

Harmonies

Analogous

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



43.8220, 42.5700, 32.5204



40.5900, 42.5700, 30.5036



37.4882, 42.5700, 32.2311

Triad

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



40.5900, 42.5700, 30.5036



35.1722, 42.5700, 55.6441



46.1159, 42.5700, 56.3664

Complementary

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



40.5900, 42.5700, 30.5036



31.5539, 32.6049, 52.7745

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.



43.5880, 42.5700, 64.0901



40.5900, 42.5700, 30.5036



37.2773, 42.5700, 63.6350

Square

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



40.5900, 42.5700, 30.5036



34.4642, 42.5700, 45.9849



40.3333, 42.5700, 66.9125



47.1171, 42.5700, 46.7201

Rectangle

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



40.5900, 42.5700, 30.5036



35.8862, 42.5700, 35.4262



40.3333, 42.5700, 66.9125



45.4100, 42.5700, 59.3195

Sweetspot

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



40.5911, 42.5719, 30.5045



81.9370, 86.2855, 83.7250



36.1918, 31.6736, 35.5113



17.4416, 18.3673, 17.4235



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.5911, 42.5719, 30.5045



70.0368, 73.1962, 46.7369



41.8360, 48.0430, 31.4949



10.0579, 10.5917, 10.0909



19.4324, 17.9036, 2.4315



0.8178, 0.8145, 0.1141

Inverse Universe

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



31.5539, 32.6049, 52.7745



51.0198, 52.2286, 93.6183



30.5109, 28.3738, 52.0128



9.2590, 9.7103, 12.0585



7.3457, 4.8031, 32.9328



0.3483, 0.3093, 1.3102

Previews

White Background



This preview shows how the XYZ color 40.5900, 42.5700, 30.5036 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 40.5900, 42.5700, 30.5036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

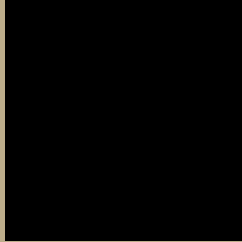
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5900, 42.5700, 30.5036

Background



This preview shows how black text looks on a background with the XYZ color 40.5900, 42.5700, 30.5036.



This preview shows how white text looks on a background with the XYZ color 40.5900, 42.5700,

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

40.5900, 42.5700, 30.5036

Protanopia

39.8773, 42.4798, 30.9086

Deuteranopia

43.3649, 42.5952, 30.7471



Tritanopia

44.3051, 42.4021, 49.0293

Trichromacy



Original Color

40.5900, 42.5700, 30.5036

Protanomaly

40.1194, 42.6047, 30.9199

Deuteranomaly

42.3971, 42.6487, 30.8084

Tritanomaly

42.7177, 42.2990, 41.5104

Monochromacy



Original Color

40.5900, 42.5700, 30.5036

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1595, 42.4290, 39.7912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5900, 42.5700, 30.5036 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(189, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 139)  
}
```

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(189, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 139) }
```

Border

The CSS property to change the border of an element to XYZ 40.5900, 42.5700, 30.5036 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(189, 173, 139) }
```


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

```
.border{ border-color:rgb(189, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5900, 42.5700, 30.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 139) }
```

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

```
.background{ background-color: rgb(189,  
173, 139) }
```

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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