

Converting Colors

XYZ(43.3547, 41.1166, 30.4878)

Have a look what the booklet for
XYZ(43.3547, 41.1166, 30.4878)
contains.

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Color

**XYZ(43.5629, 41.3532,
30.4969)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA38C
RGB	207, 163, 140
RGB Percent	81%, 64%, 55%
CMY	0.1882, 0.3608, 0.4510
CMYK	0.00, 0.21, 0.32, 0.19
HSL	21°, 41%, 68%
HSV	21°, 32%, 81%
XYZ	43.5629, 41.3532, 30.4969
YIQ	173.5340, 33.6070, 2.1750

Conversions

Conversions Part 2

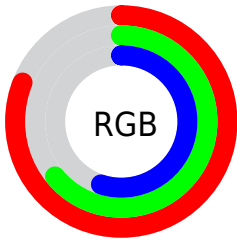
Format	Color
R _Y B	207, 175, 140
Decimal	13607820
CIE Lab	70.42, 12.99, 18.15
CIE LCh	70, 22.320, 54.400
Yxy	41.3532, 0.3775, 0.3583
Android (android.graphics.Color)	4291797900 (0xFFCFA38C)
YUV	173.5340, -16.5323, 29.3497
Hunter-Lab	64.3065, 8.3843, 16.8966

Details

The XYZ color **43.5629, 41.3532, 30.4969** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2176, 44.3599, 65.5268**, and the grayscale version is **40.0640, 42.1504, 45.9018**.

A 20% lighter version of the original color is **76.0490, 75.2978, 61.5647**, and **20.2924, 18.6864, 12.2102** is the 20% darker color. If you saturate the color by 10%, you get **39.8929, 36.2302, 22.4384**, and if you desaturate by 10%, it is **47.7817, 47.1138, 40.1558**.

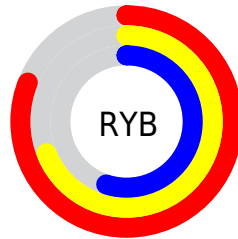
Distribution



Red (81%)

Green (64%)

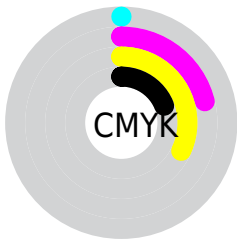
Blue (55%)



Red (81%)

Yellow (69%)

Blue (55%)

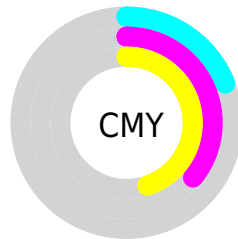


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5629, 41.3532, 30.4969 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 43.5629, 41.3532, 30.4969 by changing the saturation by 10% instead.


 43.5629, 41.3532,
30.4969

 43.5629, 41.3532,
30.4969


351.8040,
351.7946, 318.4929


 30.5235, 28.5952,
19.9608

 79.8100, 77.2198,
61.5174

 20.3863, 18.7748,
12.1828


 103.7484,
101.0971, 82.8388

 12.7860, 11.5077,
6.7442


 132.0506,
129.4497, 108.5925

 7.3574, 6.4094,
3.2266

165.0817,
162.6618, 139.1969

 3.7349, 3.0956,
1.2115

203.2073,
201.1180, 175.0707

 1.5533, 1.1818,
0.0000

246.7926,

 0.3617, 0.0468,

245.2026, 216.6322

0.0000

296.2031,
295.3000, 264.3001

■ 0.0000, 0.0000,
0.0000

■ 43.5629, 41.3532,
30.4969

■ 43.5629, 41.3532,
30.4969

■ 39.8929, 36.2302,
22.4384

■ 47.7817, 47.1138,
40.1558

■ 36.7441, 31.7163,
15.8899

■ 52.5686, 53.5276,
51.4935

■ 34.0912, 27.7890,
10.7562

■ 57.9462, 60.6173,
64.5863

■ 31.9054, 24.4223,
6.9297

■ 63.9345, 68.4022,
79.5049

■ 30.1543, 21.5878,
4.2871

■ 70.5528, 76.9011,
96.3164

■ 28.8001, 19.2540,
2.6809

■ 76.3020, 85.5251,
107.0942

■ 27.9900, 17.7812,
1.9569

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



46.0965, 41.3532, 37.1746



43.5629, 41.3532, 30.4969



39.9985, 41.3532, 27.7421

Triad

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



43.5629, 41.3532, 30.4969



32.6845, 41.3532, 43.0807



42.2964, 41.3532, 66.0814

Complementary

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



43.5629, 41.3532, 30.4969



39.2176, 44.3599, 65.5268

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.



38.6195, 41.3532, 68.3152



43.5629, 41.3532, 30.4969



33.2156, 41.3532, 53.9131

Square

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



43.5629, 41.3532, 30.4969



33.8357, 41.3532, 34.2451



35.3340, 41.3532, 63.5639



45.3340, 41.3532, 57.8623

Rectangle

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



43.5629, 41.3532, 30.4969



37.5741, 41.3532, 28.1342



35.3340, 41.3532, 63.5639



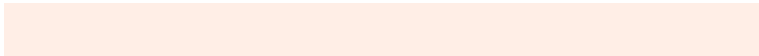
41.0883, 41.3532, 67.6059

Sweetspot

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



43.5640, 41.3551, 30.4977



86.1017, 88.2430, 86.9899



43.8323, 35.5107, 50.2590



18.1771, 18.5533, 18.0108



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.



43.5640, 41.3551, 30.4977



65.5504, 60.3404, 39.4451



50.1683, 54.5637, 32.6992



12.1359, 12.4624, 12.3779



17.7147, 11.3623, 1.2595



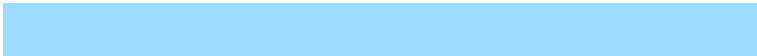
1.0636, 0.7816, 0.0948

Inverse Universe

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



39.2176, 44.3599, 65.5268



57.4913, 65.8789, 104.2935



33.1716, 32.2678, 63.5115



11.8024, 12.6951, 15.0720



12.7275, 14.1016, 39.2436



0.7839, 0.9330, 2.2183

Previews

White Background



This preview shows how the XYZ color 43.5629, 41.3532, 30.4969 looks on a white background.

Color Contrast Check

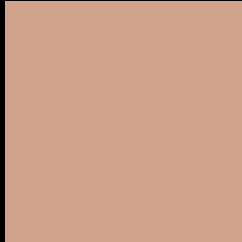
Large Text (above 18pt) WCAG AA × Fail

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 43.5629, 41.3532, 30.4969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

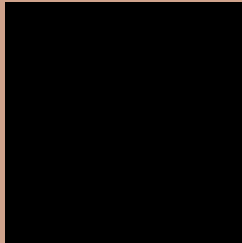
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5629, 41.3532, 30.4969

Background



This preview shows how black text looks on a background with the XYZ color 43.5629, 41.3532, 30.4969.



This preview shows how white text looks on a background with the XYZ color 43.5629, 41.3532,

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

43.5629, 41.3532, 30.4969

Protanopia

39.0780, 41.4637, 32.3292

Deuteranopia

42.1158, 41.4159, 30.2004



Tritanopia

46.3272, 41.4382, 44.0847

Trichromacy



Original Color

43.5629, 41.3532, 30.4969

Protanomaly

40.6317, 41.4355, 31.8429

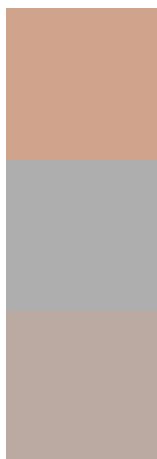
Deuteranomaly

42.7439, 41.4709, 30.1779

Tritanomaly

45.2105, 41.2350, 38.8340

Monochromacy



Original Color

43.5629, 41.3532, 30.4969

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.1460, 41.7972, 40.0815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5629, 41.3532, 30.4969 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(207, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(207, 163, 140)  
}
```

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(207, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 163, 140) }
```

Border

The CSS property to change the border of an element to XYZ 43.5629, 41.3532, 30.4969 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(207, 163, 140) }
```


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

```
.border{ border-color:rgb(207, 163, 140) }
```

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

Here you see how a box with a 4 pixel rgb(207, 163, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(207, 163,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5629, 41.3532, 30.4969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 163, 140) }
```

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

```
.background{ background-color: rgb(207,  
163, 140) }
```

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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