

Converting Colors

XYZ(43.8432, 41.4977, 30.5100)

Have a look what the booklet for
XYZ(43.8432, 41.4977, 30.5100)
contains.

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Color

**XYZ(43.8432, 41.4977,
30.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A38C
RGB	208, 163, 140
RGB Percent	82%, 64%, 55%
CMY	0.1843, 0.3608, 0.4510
CMYK	0.00, 0.22, 0.33, 0.18
HSL	20°, 42%, 68%
HSV	20°, 33%, 82%
XYZ	43.8432, 41.4977, 30.5100
YIQ	173.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

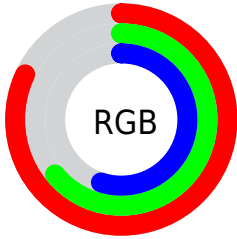
Format	Color
R_{YB}	208, 175, 140
Decimal	13673356
CIE _{Lab}	70.52, 13.38, 18.30
CIE _{LCh}	71, 22.675, 53.822
Yxy	41.4977, 0.3784, 0.3582
Android (android.graphics.Color)	4291863436 (0xFFD0A38C)
YUV	173.8330, -16.6797, 29.9645
Hunter-Lab	64.4187, 8.7539, 17.0122

Details

The XYZ color **43.8432, 41.4977, 30.5100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.5487, 44.8259, 66.2423**, and the grayscale version is **40.2179, 42.3123, 46.0781**.

A 20% lighter version of the original color is **76.0490, 75.2978, 61.5647**, and **20.4788, 18.7825, 12.2189** is the 20% darker color. If you saturate the color by 10%, you get **40.1401, 36.3182, 22.4107**, and if you desaturate by 10%, it is **48.1044, 47.3291, 40.2265**.

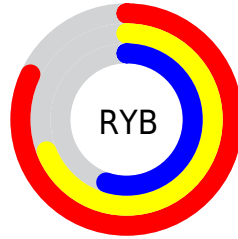
Distribution



Red (82%)

Green (64%)

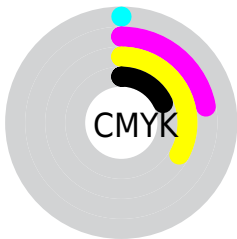
Blue (55%)



Red (82%)

Yellow (69%)

Blue (55%)

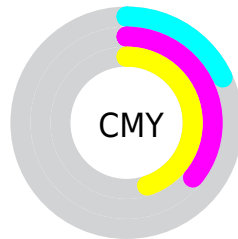


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8432, 41.4977, 30.5100 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 43.8432, 41.4977, 30.5100 by changing the saturation by 10% instead.


 43.8432, 41.4977,
30.5100

 43.8432, 41.4977,
30.5100


352.9311,
352.3965, 318.5555


 30.7446, 28.7082,
19.9707


 80.2296, 77.4388,
61.5383

 20.5553, 18.8602,
12.1899


 104.2481,
101.3593, 82.8643

 12.9100, 11.5693,
6.7490

 132.6373,
129.7588, 108.6231

 7.4432, 6.4511,
3.2296

165.7625,
163.0218, 139.2330

 3.7895, 3.1213,
1.2130

203.9891,
201.5326, 175.1126

 1.5838, 1.1954,
0.0000

247.6826,

 0.3818, 0.0579,

245.6758, 216.6806

0.0000

297.2081,
295.8356, 264.3554

■ 0.0000, 0.0000,
0.0000

■ 43.8432, 41.4977,
30.5100

■ 43.8432, 41.4977,
30.5100

■ 40.1401, 36.3182,
22.4107

■ 48.1044, 47.3291,
40.2265

■ 36.9669, 31.7611,
15.8370

■ 52.9437, 53.8286,
51.6398

■ 34.2979, 27.8035,
10.6919

■ 58.3838, 61.0195,
64.8274

■ 32.1035, 24.4183,
6.8661

■ 64.4455, 68.9218,
79.8610

■ 30.3504, 21.5762,
4.2342

■ 71.1483, 77.5547,
96.8087

■ 29.0000, 19.2447,
2.6456

■ 76.8922, 86.2895,
107.2106

■ 28.2256, 17.8362,
1.9551

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



46.3964, 41.4977, 37.3626



43.8432, 41.4977, 30.5100



40.2216, 41.4977, 27.6396

Triad

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



43.8432, 41.4977, 30.5100



32.7136, 41.4977, 43.0028



42.4200, 41.4977, 66.7744

Complementary

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



43.8432, 41.4977, 30.5100



39.5487, 44.8259, 66.2423

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.



38.6732, 41.4977, 68.9192



43.8432, 41.4977, 30.5100



33.2203, 41.4977, 54.0271

Square

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



43.8432, 41.4977, 30.5100



33.9156, 41.4977, 34.0804



35.3463, 41.4977, 63.9388



45.5390, 41.4977, 58.4699

Rectangle

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



43.8432, 41.4977, 30.5100



37.7484, 41.4977, 27.9847



35.3463, 41.4977, 63.9388



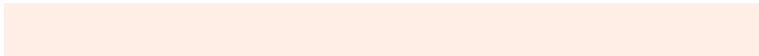
41.1862, 41.4977, 68.2890

Sweetspot

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



43.8443, 41.4996, 30.5108



86.0642, 88.1680, 86.9773



44.1829, 35.6833, 50.6428



18.1680, 18.5352, 18.0078



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.



43.8443, 41.4996, 30.5108



65.4420, 60.1238, 39.4089



50.6368, 55.0848, 32.7750



12.1309, 12.4526, 12.3763



17.6724, 11.2777, 1.2454



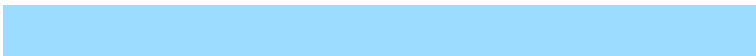
1.0609, 0.7761, 0.0939

Inverse Universe

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



39.5487, 44.8259, 66.2423



57.6239, 66.1442, 104.3378



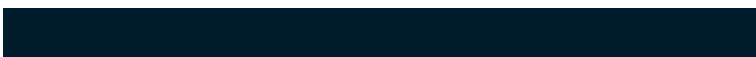
33.3211, 32.3707, 64.1665



11.8075, 12.7053, 15.0737



12.8201, 14.2869, 39.2744



0.7886, 0.9424, 2.2199

Previews

White Background



This preview shows how the XYZ color 43.8432, 41.4977, 30.5100 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 43.8432, 41.4977, 30.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

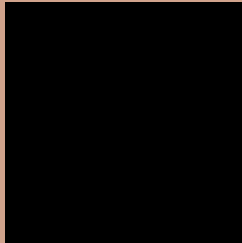
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8432, 41.4977, 30.5100

Background



This preview shows how black text looks on a background with the XYZ color 43.8432, 41.4977, 30.5100.



This preview shows how white text looks on a background with the XYZ color 43.8432, 41.4977,

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

43.8432, 41.4977, 30.5100

Protanopia

39.1548, 41.4945, 32.7336

Deuteranopia

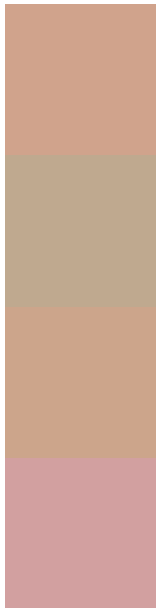
42.3838, 41.5540, 30.2130



Tritanopia

46.6128, 41.5854, 44.0981

Trichromacy



Original Color

43.8432, 41.4977, 30.5100

Protanomaly

40.6317, 41.4355, 31.8429

Deuteranomaly

43.0172, 41.6117, 30.1907

Tritanomaly

45.4943, 41.3813, 38.8473

Monochromacy



Original Color

43.8432, 41.4977, 30.5100

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 43.8432, 41.4977, 30.5100 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(208, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 163, 140) }
```

Border

The CSS property to change the border of an element to XYZ 43.8432, 41.4977, 30.5100 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(208, 163, 140) }
```


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

```
.border{ border-color:rgb(208, 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(208, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(208, 163,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8432, 41.4977, 30.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 163, 140) }
```

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

```
.background{ background-color: rgb(208,  
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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