

Converting Colors

XYZ(44.0872, 40.8951, 34.0877)

Have a look what the booklet for
XYZ(44.0872, 40.8951, 34.0877)
contains.

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Color

**XYZ(44.1821, 41.0696,
34.0323)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A195
RGB	208, 161, 149
RGB Percent	82%, 63%, 58%
CMY	0.1843, 0.3686, 0.4157
CMYK	0.00, 0.23, 0.28, 0.18
HSL	12°, 39%, 70%
HSV	12°, 28%, 82%
XYZ	44.1821, 41.0696, 34.0323
YIQ	173.6850, 31.8640, 6.2320

Conversions

Conversions Part 2

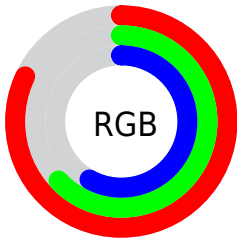
Format	Color
R _Y B	208, 164, 149
Decimal	13672853
CIE Lab	70.22, 15.66, 12.93
CIE LCh	70, 20.314, 39.546
Yxy	41.0696, 0.3704, 0.3443
Android (android.graphics.Color)	4291862933 (0xFFD0A195)
YUV	173.6850, -12.1697, 30.0943
Hunter-Lab	64.0856, 10.9124, 13.3743

Details

The XYZ color **44.1821, 41.0696, 34.0323** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5188, 50.4217, 67.1133**, and the grayscale version is **40.1204, 42.2098, 45.9665**.

A 20% lighter version of the original color is **76.5754, 74.6835, 66.8793**, and **20.8101, 18.5914, 14.0470** is the 20% darker color. If you saturate the color by 10%, you get **39.9617, 35.0530, 25.1513**, and if you desaturate by 10%, it is **49.0850, 47.9759, 44.6049**.

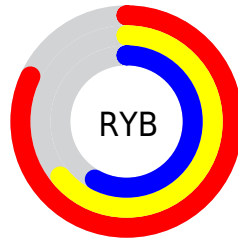
Distribution



Red (82%)

Green (63%)

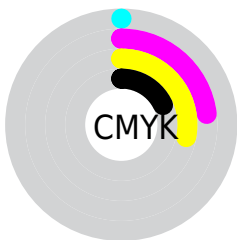
Blue (58%)



Red (82%)

Yellow (64%)

Blue (58%)

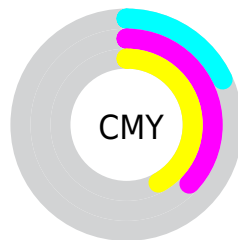


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (18%)



Cyan (18%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1821, 41.0696, 34.0323 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 44.1821, 41.0696, 34.0323 by changing the saturation by 10% instead.


 44.1821, 41.0696,
34.0323


 44.1821, 41.0696,
34.0323


354.2905,
350.6114, 335.0496

 31.0122, 28.3735,
22.6409

 80.7363, 76.7895,
67.1184

 20.7600, 18.6074,
14.1257


 104.8514,
100.5821, 89.6501

 13.0602, 11.3869,
8.0684


133.3456,
128.8424, 116.7323

 7.5473, 6.3277,
4.0504

166.5842,
161.9546, 148.7835

 3.8560, 3.0454,
1.6530

204.9327,
200.3032, 186.2223

 1.6210, 1.1555,
0.3282

248.7563,

 0.4060, 0.0249,

244.2726, 229.4672

0.0000

298.4205,
294.2472, 278.9368

■ 0.0000, 0.0000,
0.0000

■ 44.1821, 41.0696,
34.0323

■ 44.1821, 41.0696,
34.0323

■ 39.9617, 35.0530,
25.1513

■ 49.0850, 47.9759,
44.6049

■ 36.3896, 29.8843,
17.8711

■ 54.6958, 55.8005,
56.9482

■ 33.4339, 25.5264,
12.0965

■ 61.0428, 64.5774,
71.1394

■ 31.0582, 21.9374,
7.7210

■ 68.1515, 74.3374,
87.2505

■ 29.2223, 19.0718,
4.6238

■ 76.0464, 85.1100,
105.3493

■ 27.8803, 16.8784,
2.6636

■ 79.8225, 92.1499,
108.1874

■ 26.9706, 15.2964,
1.6287

■ 26.8519, 15.0887,
1.4972

Harmonies

Analogous

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



45.6939, 41.0696, 41.7461



44.1821, 41.0696, 34.0323



41.3152, 41.0696, 29.6474

Triad

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



44.1821, 41.0696, 34.0323



33.3401, 41.0696, 38.6128



40.1066, 41.0696, 65.3407

Complementary

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



44.1821, 41.0696, 34.0323



43.5188, 50.4217, 67.1133

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.



36.8411, 41.0696, 64.1862



44.1821, 41.0696, 34.0323



33.0574, 41.0696, 47.8273

Square

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



44.1821, 41.0696, 34.0323



35.1003, 41.0696, 32.0194



34.3048, 41.0696, 57.4342



43.2542, 41.0696, 60.3951

Rectangle

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



44.1821, 41.0696, 34.0323



39.0862, 41.0696, 28.7777



34.3048, 41.0696, 57.4342



38.9847, 41.0696, 65.6674

Sweetspot

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



44.1832, 41.0715, 34.0331



86.0156, 87.4951, 88.7359



46.7467, 38.8998, 57.3888



18.1179, 18.3202, 18.3446



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.



44.1832, 41.0715, 34.0331



65.8822, 59.1911, 45.1451



49.9160, 52.5371, 35.9441



12.0008, 12.1923, 12.3329



16.7914, 9.5158, 0.9517



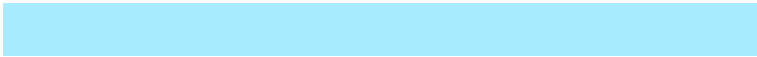
0.9966, 0.6475, 0.0725

Inverse Universe

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



43.5188, 50.4217, 67.1133



64.6508, 76.3546, 105.9382



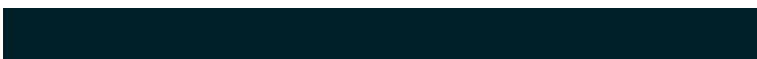
37.5438, 38.4717, 65.1216



11.9456, 12.9815, 15.1197



15.6288, 19.9042, 40.2107



0.9268, 1.2188, 2.2660

Previews

White Background



This preview shows how the XYZ color 44.1821, 41.0696, 34.0323 looks on a white background.

Color Contrast Check

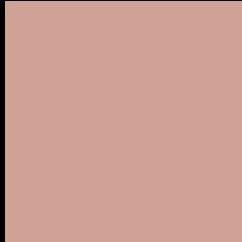
Large Text (above 18pt) WCAG AA × Fail

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 44.1821, 41.0696, 34.0323 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 44.1821, 41.0696, 34.0323

Background



This preview shows how black text looks on a background with the XYZ color 44.1821, 41.0696, 34.0323.



This preview shows how white text looks on a background with the XYZ color 44.1821, 41.0696,

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

44.1821, 41.0696, 34.0323

Protanopia

38.9861, 41.0426, 36.4391

Deuteranopia

42.0075, 41.2809, 33.7709



Tritanopia

46.0609, 41.0576, 43.5275

Trichromacy



Original Color

44.1821, 41.0696, 34.0323

Protanomaly

40.7214, 40.8516, 35.4447

Deuteranomaly

42.7081, 41.1065, 33.7004

Tritanomaly

45.2142, 40.9602, 39.7055

Monochromacy



Original Color

44.1821, 41.0696, 34.0323

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.2292, 41.5316, 41.4407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1821, 41.0696, 34.0323 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, 161, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 161, 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(208, 161, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 161, 149) }
```

Border

The CSS property to change the border of an element to XYZ 44.1821, 41.0696, 34.0323 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, 161, 149) }
```


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

```
.border{ border-color:rgb(208, 161, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 161, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 161, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 161, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 161,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1821, 41.0696, 34.0323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 161, 149) }
```

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

```
.background{ background-color: rgb(208,  
161, 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](#).

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