

Converting Colors

XYZ(44.1619, 43.2106, 34.0299)

Have a look what the booklet for
XYZ(44.1619, 43.2106, 34.0299)
contains.

XYZ(44.1619, 43.2106, 34.0299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.1619, 43.2106,
34.0299)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA994
RGB	203, 169, 148
RGB Percent	80%, 66%, 58%
CMY	0.2039, 0.3372, 0.4196
CMYK	0.00, 0.17, 0.27, 0.20
HSL	23°, 35%, 69%
HSV	23°, 27%, 80%
XYZ	44.1619, 43.2106, 34.0299
YIQ	176.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

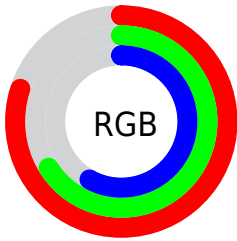
Format	Color
R_{YB}	203, 182, 148
Decimal	13347220
CIE _{Lab}	71.70, 9.26, 15.48
CIE _{LCh}	72, 18.033, 59.118
Yxy	43.2106, 0.3638, 0.3559
Android (android.graphics.Color)	4291537300 (0xFFCBA994)
YUV	176.7720, -14.1846, 23.0020
Hunter-Lab	65.7348, 4.8839, 15.3208

Details

The XYZ color **44.1619, 43.2106, 34.0299** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7198, 44.0624, 62.9116**, and the grayscale version is **41.7334, 43.9068, 47.8145**.

A 20% lighter version of the original color is **78.5563, 78.8356, 66.9535**, and **20.7317, 19.8815, 14.0541** is the 20% darker color. If you saturate the color by 10%, you get **40.4708, 38.1780, 25.5552**, and if you desaturate by 10%, it is **48.3612, 48.8080, 44.0652**.

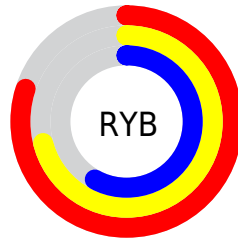
Distribution



Red (80%)

Green (66%)

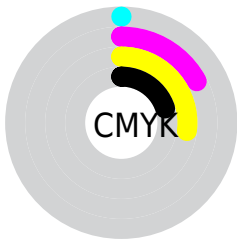
Blue (58%)



Red (80%)

Yellow (71%)

Blue (58%)

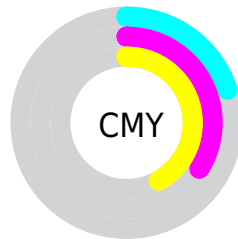


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1619, 43.2106, 34.0299 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 44.1619, 43.2106, 34.0299 by changing the saturation by 10% instead.


 44.1619, 43.2106,
34.0299


 44.1619, 43.2106,
34.0299


354.2096,
359.4771, 335.0386

 30.9963, 30.0504,
22.6390


 80.7061, 80.0286,
67.1146

 20.7478, 19.8768,
14.1244


 104.8155,
104.4551, 89.6455

 13.0512, 12.3055,
8.0675


133.3034,
133.4059, 116.7268

 7.5411, 6.9521,
4.0498

166.5353,
167.2653, 148.7771

 3.8520, 3.4322,
1.6527

204.8765,
206.4177, 186.2148

 1.6188, 1.3613,
0.3280

248.6924,

 0.4046, 0.1879,

251.2476, 229.4587

0.0000

298.3483,
302.1393, 278.9271

■ 0.0000, 0.0000,
0.0000

■ 44.1619, 43.2106,
34.0299

■ 44.1619, 43.2106,
34.0299

■ 40.4708, 38.1780,
25.5552

■ 48.3612, 48.8080,
44.0652

■ 37.2633, 33.6858,
18.5589

■ 53.0849, 54.9817,
55.7323

■ 34.5182, 29.7165,
12.9551

■ 58.3527, 61.7504,
69.1012

■ 32.2107, 26.2491,
8.6479

■ 64.1823, 69.1301,
84.2371

■ 30.3134, 23.2610,
5.5290

■ 70.5903, 77.1361,
101.2015

■ 28.7952, 20.7277,
3.4723

■ 75.1169, 84.7930,
107.0153

■ 27.6163, 18.6200,
2.3079

■ 78.4387, 91.4366,
108.1226

■ 27.3194, 18.0780,
2.0495

Harmonies

Analogous

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



46.4225, 43.2106, 39.3236



44.1619, 43.2106, 34.0299



41.1610, 43.2106, 32.1443

Triad

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



44.1619, 43.2106, 34.0299



35.4690, 43.2106, 46.7902



43.9975, 43.2106, 63.3413

Complementary

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



44.1619, 43.2106, 34.0299



39.7198, 44.0624, 62.9116

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.



40.9799, 43.2106, 65.9682



44.1619, 43.2106, 34.0299



36.1463, 43.2106, 55.7252

Square

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



44.1619, 43.2106, 34.0299



36.2295, 43.2106, 38.9266



38.1266, 43.2106, 63.0257



46.3244, 43.2106, 56.2293

Rectangle

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



44.1619, 43.2106, 34.0299



39.1752, 43.2106, 32.8684



38.1266, 43.2106, 63.0257



43.0257, 43.2106, 64.8144

Sweetspot

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



44.1630, 43.2126, 34.0308



88.0462, 90.9721, 91.2134



43.7488, 37.2888, 49.6009



18.5780, 19.1241, 18.8565



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.



44.1630, 43.2126, 34.0308



69.9291, 66.9000, 47.6805



49.6390, 54.1646, 35.8561



11.5576, 11.9042, 11.7680



17.4676, 11.6682, 1.3315



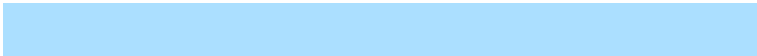
0.9739, 0.7475, 0.0930

Inverse Universe

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



39.7198, 44.0624, 62.9116



61.1632, 68.5636, 104.6182



34.7697, 34.1621, 61.2615



11.1694, 11.9793, 14.2939



11.6558, 12.3357, 37.7230



0.6732, 0.7802, 1.9700

Previews

White Background



This preview shows how the XYZ color 44.1619, 43.2106, 34.0299 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 44.1619, 43.2106, 34.0299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

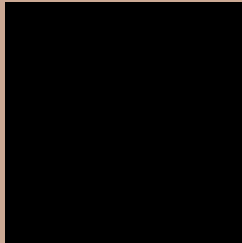
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1619, 43.2106, 34.0299

Background



This preview shows how black text looks on a background with the XYZ color 44.1619, 43.2106, 34.0299.



This preview shows how white text looks on a background with the XYZ color 44.1619, 43.2106,

34.0299.

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

44.1619, 43.2106, 34.0299

Protanopia

40.9235, 43.2086, 35.4614

Deuteranopia

44.1619, 43.2106, 34.0299



Tritanopia

46.9446, 43.2464, 47.9926

Trichromacy



Original Color

44.1619, 43.2106, 34.0299

Protanomaly

42.1868, 43.2956, 34.9876

Deuteranomaly

44.1619, 43.2106, 34.0299

Tritanomaly

45.7881, 43.0416, 42.4538

Monochromacy



Original Color

44.1619, 43.2106, 34.0299

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2687, 43.4644, 42.2381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1619, 43.2106, 34.0299 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(203, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 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(203, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 148) }
```

Border

The CSS property to change the border of an element to XYZ 44.1619, 43.2106, 34.0299 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(203, 169, 148) }
```


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

```
.border{ border-color:rgb(203, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 169, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 169, 148);  
box-shadow:4px 4px 4px 4px rgb(203, 169,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1619, 43.2106, 34.0299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 148) }
```

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

```
.background{ background-color: rgb(203,  
169, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor