

Converting Colors

XYZ(43.2780, 43.2289, 33.2542)

Have a look what the booklet for
XYZ(43.2780, 43.2289, 33.2542)
contains.

XYZ(43.3044, 43.3433, 33.2778)	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(43.3044, 43.3433,
33.2778)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AB92
RGB	199, 171, 146
RGB Percent	78%, 67%, 57%
CMY	0.2196, 0.3294, 0.4274
CMYK	0.00, 0.14, 0.27, 0.22
HSL	28°, 32%, 68%
HSV	28°, 27%, 78%
XYZ	43.3044, 43.3433, 33.2778
YIQ	176.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

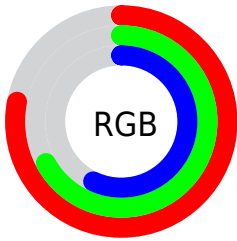
Format	Color
RYB	199, 193, 146
Decimal	13085586
CIELab	71.79, 6.35, 16.64
CIELCh	72, 17.808, 69.121
Yxy	43.3433, 0.3611, 0.3614
Android (android.graphics.Color)	4291275666 (0xFFC7AB92)
YUV	176.5220, -15.0473, 19.7132
Hunter-Lab	65.8356, 2.1988, 16.1157

Details

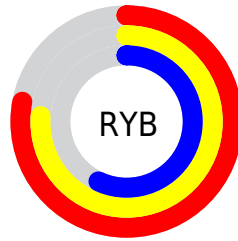
The XYZ color **43.3044, 43.3433, 33.2778** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2985, 40.5053, 59.8854**, and the grayscale version is **41.6076, 43.7744, 47.6704**.

A 20% lighter version of the original color is **78.8617, 79.8228, 65.8945**, and **20.1640, 19.9492, 13.6143** is the 20% darker color. If you saturate the color by 10%, you get **39.9822, 38.9642, 25.1865**, and if you desaturate by 10%, it is **47.0563, 48.1500, 42.8427**.

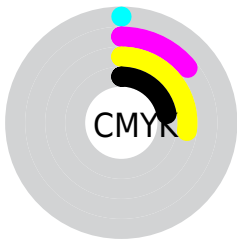
Distribution



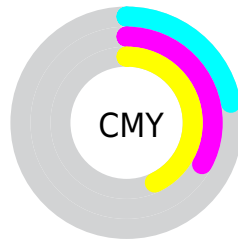
- Red (78%)
- Green (67%)
- Blue (57%)



- Red (78%)
- Yellow (76%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3044, 43.3433, 33.2778 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 43.3044, 43.3433, 33.2778 by changing the saturation by 10% instead.


 43.3044, 43.3433,
33.2778

 43.3044, 43.3433,
33.2778


350.7624,
360.0217, 331.5700

 30.3196, 30.1546,
22.0665

 79.4229, 80.2287,
65.9300

 20.2306, 19.9559,
13.7070


 103.2872,
104.6941, 88.2080

 12.6720, 12.3630,
7.7807


131.5088,
133.6872, 115.0119

 7.2785, 6.9914,
3.8692

164.4529,
167.5923, 146.7603

 3.6848, 3.4567,
1.5539

202.4850,
206.7940, 183.8718

 1.5254, 1.3746,
0.2576

245.9704,

 0.3430, 0.1979,

251.6765, 226.7649

0.0000

295.2744,
302.6243, 275.8581

■ 0.0000, 0.0000,
0.0000

■ 43.3044, 43.3433,
33.2778

■ 43.3044, 43.3433,
33.2778

■ 39.9822, 38.9642,
25.1865

■ 47.0563, 48.1500,
42.8427

■ 37.0687, 34.9939,
18.4914

■ 51.2509, 53.3906,
53.9479

■ 34.5460, 31.4207,
13.1119

■ 55.9050, 59.0787,
66.6593

■ 32.3933, 28.2299,
8.9581

■ 61.0333, 65.2257,
81.0381

■ 30.5876, 25.4059,
5.9286

■ 66.6497, 71.8421,
97.1422

■ 29.1023, 22.9310,
3.9052

■ 71.0473, 78.2503,
105.9670

■ 27.9039, 20.7848,
2.7336

■ 74.1306, 84.4168,
106.9947

■ 27.5457, 20.1270,
2.4331

■ 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



45.8757, 43.3433, 37.4440



43.3044, 43.3433, 33.2778



40.2813, 43.3433, 32.5830

Triad

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



43.3044, 43.3433, 33.2778



35.7164, 43.3433, 49.8837



44.9765, 43.3433, 61.3323

Complementary

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



43.3044, 43.3433, 33.2778



37.2985, 40.5053, 59.8854

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.



42.1254, 43.3433, 65.6252



43.3044, 43.3433, 33.2778



36.8468, 43.3433, 58.5034

Square

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



43.3044, 43.3433, 33.2778



35.9975, 43.3433, 41.5022



39.1582, 43.3433, 64.5311



46.8734, 43.3433, 53.3826

Rectangle

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



43.3044, 43.3433, 33.2778



38.4302, 43.3433, 34.0859



39.1582, 43.3433, 64.5311



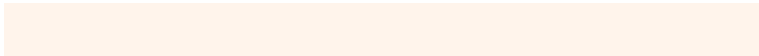
44.0924, 43.3433, 63.2925

Sweetspot

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



43.3055, 43.3453, 33.2787



88.5959, 92.0715, 91.3967



41.4984, 35.7668, 44.8977



18.7161, 19.4003, 18.9025



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.



43.3055, 43.3453, 33.2787



72.3394, 71.3283, 49.6934



48.7610, 54.2562, 35.0972



11.0396, 11.4483, 11.1907



17.7987, 13.1147, 1.5933



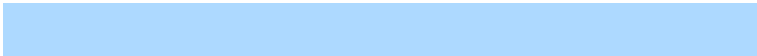
0.9151, 0.7657, 0.0996

Inverse Universe

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



37.2985, 40.5053, 59.8854



60.0570, 65.5196, 104.0889



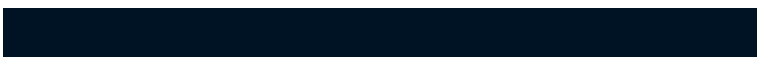
32.7167, 31.3417, 58.3582



10.5126, 11.1993, 13.5251



9.9730, 9.3399, 36.0215



0.5443, 0.5865, 1.7297

Previews

White Background



This preview shows how the XYZ color 43.3044, 43.3433, 33.2778 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 43.3044, 43.3433, 33.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

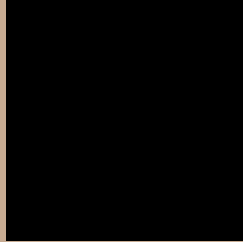
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3044, 43.3433, 33.2778

Background



This preview shows how black text looks on a background with the XYZ color 43.3044, 43.3433, 33.2778.



This preview shows how white text looks on a background with the XYZ color 43.3044, 43.3433,

33.2778.

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

43.3044, 43.3433, 33.2778

Protanopia

40.8782, 43.5031, 34.2594

Deuteranopia

44.0049, 43.1478, 33.2032



Tritanopia

46.4015, 43.2236, 48.5452

Trichromacy



Original Color

43.3044, 43.3433, 33.2778

Protanomaly

41.6377, 43.3258, 33.7719

Deuteranomaly

43.9202, 43.3813, 33.2527

Tritanomaly

45.3348, 43.3518, 42.5376

Monochromacy



Original Color

43.3044, 43.3433, 33.2778

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2205, 43.7274, 42.2914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3044, 43.3433, 33.2778 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(199, 171, 146)` looks like.

```
.text, #text, p{  
    color:rgb(199, 171, 146)  
}
```

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(199, 171, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 171, 146) }
```

Border

The CSS property to change the border of an element to XYZ 43.3044, 43.3433, 33.2778 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(199, 171, 146) }
```


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

```
.border{ border-color:rgb(199, 171, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 171, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 171, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 171, 146);  
box-shadow:4px 4px 4px 4px rgb(199, 171,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3044, 43.3433, 33.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 171, 146) }
```

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

```
.background{ background-color: rgb(199,  
171, 146) }
```

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