

Converting Colors

XYZ(43.2432, 44.4388, 33.0300)

Have a look what the booklet for
XYZ(43.2432, 44.4388, 33.0300)
contains.

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Color

**XYZ(43.2058, 44.4400,
33.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AF91
RGB	196, 175, 145
RGB Percent	77%, 69%, 57%
CMY	0.2314, 0.3137, 0.4314
CMYK	0.00, 0.11, 0.26, 0.23
HSL	35°, 30%, 67%
HSV	35°, 26%, 77%
XYZ	43.2058, 44.4400, 33.0887
YIQ	177.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

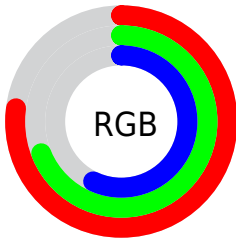
Format	Color
RYB	181, 196, 145
Decimal	12890001
CIELab	72.52, 2.89, 18.16
CIELCh	73, 18.389, 80.959
Yxy	44.4400, 0.3579, 0.3681
Android (android.graphics.Color)	4291080081 (0xFFC4AF91)
YUV	177.8590, -16.1995, 15.9097
Hunter-Lab	66.6633, -0.9715, 17.2354

Details

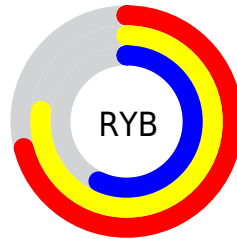
The XYZ color **43.2058, 44.4400, 33.0887** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2770, 37.2770, 57.5608**, and the grayscale version is **42.3180, 44.5219, 48.4843**.

A 20% lighter version of the original color is **79.1136, 81.5998, 65.6134**, and **20.2587, 20.7249, 13.5222** is the 20% darker color. If you saturate the color by 10%, you get **40.2994, 40.8406, 25.2958**, and if you desaturate by 10%, it is **46.4692, 48.3354, 42.2880**.

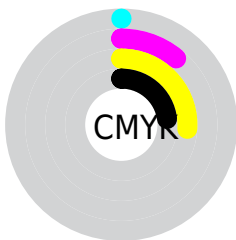
Distribution



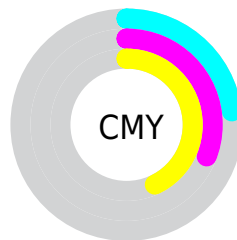
- Red (77%)
- Green (69%)
- Blue (57%)



- Red (71%)
- Yellow (77%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2058, 44.4400, 33.0887 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 43.2058, 44.4400, 33.0887 by changing the saturation by 10% instead.


 43.2058, 44.4400,
33.0887


 43.2058, 44.4400,
33.0887


350.3646,
364.5008, 330.6935

 30.2418, 31.0166,
21.9227


 79.2751, 81.8794,
65.6316

 20.1712, 20.6115,
13.6024


 103.1112,
106.6642, 87.8456

 12.6285, 12.8403,
7.7090


131.3020,
136.0049, 114.5794

 7.2485, 7.3187,
3.8243

164.2129,
170.2859, 146.2514

 3.6657, 3.6622,
1.5294

202.2092,
209.8916, 183.2803

 1.5148, 1.4864,
0.2397

245.6564,

 0.3359, 0.2792,

255.2064, 226.0846

0.0000

294.9198,
306.6146, 275.0828

■ 0.0000, 0.0000,
0.0000

■ 43.2058, 44.4400,
33.0887

■ 43.2058, 44.4400,
33.0887

■ 40.2994, 40.8406,
25.2958

■ 46.4692, 48.3354,
42.2880

■ 37.7315, 37.5227,
18.8355

■ 50.1000, 52.5291,
52.9569

■ 35.4869, 34.4790,
13.6315

■ 54.1127, 57.0306,
65.1581

■ 33.5480, 31.6997,
9.5982

■ 58.5197, 61.8474,
78.9499

■ 31.8947, 29.1740,
6.6396

■ 63.3329, 66.9867,
94.3872

■ 30.5041, 26.8898,
4.6439

■ 67.3151, 71.9558,
104.9487

■ 29.3477, 24.8327,
3.4704

■ 69.5281, 76.3818,
105.6864

■ 28.9311, 24.0679,
3.1207

■ 71.8453, 81.0162,
106.4588

■ 74.2681, 85.8617,
107.2664

Harmonies

Analogous

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



46.2034, 44.4400, 36.0348



43.2058, 44.4400, 33.0887



40.0918, 44.4400, 33.8236

Triad

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



43.2058, 44.4400, 33.0887



36.7888, 44.4400, 54.9173



47.1619, 44.4400, 60.2612

Complementary

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



43.2058, 44.4400, 33.0887



35.2770, 37.2770, 57.5608

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.



44.4613, 44.4400, 66.6268



43.2058, 44.4400, 33.0887



38.5079, 44.4400, 63.2829

Square

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



43.2058, 44.4400, 33.0887



36.4903, 44.4400, 45.6910



41.2865, 44.4400, 67.7970



48.5616, 44.4400, 51.1883

Rectangle

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



43.2058, 44.4400, 33.0887



38.3608, 44.4400, 36.3450



41.2865, 44.4400, 67.7970



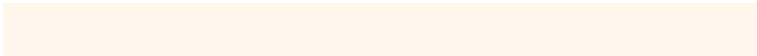
46.3699, 44.4400, 62.8338

Sweetspot

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



43.2070, 44.4420, 33.0896



89.3167, 93.5131, 91.6369



39.7968, 34.7495, 40.8071



18.8976, 19.7633, 18.9630



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.



43.2070, 44.4420, 33.0896



75.3140, 76.8776, 51.9177



46.5262, 52.6985, 34.5083



10.5545, 11.0405, 10.6366



18.6759, 15.6375, 2.0340



0.8735, 0.8087, 0.1101

Inverse Universe

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



35.2770, 37.2770, 57.5608



58.6198, 61.7974, 103.4462



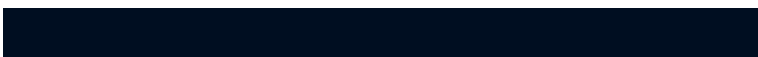
32.5299, 30.6501, 56.4265



9.8613, 10.4139, 12.7752



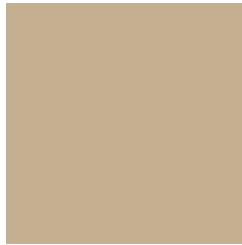
8.3585, 6.4735, 34.3656



0.4290, 0.4153, 1.5074

Previews

White Background



This preview shows how the XYZ color 43.2058, 44.4400, 33.0887 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 43.2058, 44.4400, 33.0887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

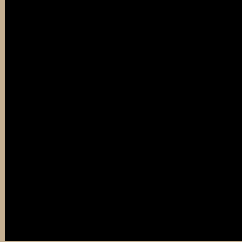
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2058, 44.4400, 33.0887

Background



This preview shows how black text looks on a background with the XYZ color 43.2058, 44.4400, 33.0887.



This preview shows how white text looks on a background with the XYZ color 43.2058, 44.4400,

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

43.2058, 44.4400, 33.0887

Protanopia

41.8477, 44.6075, 33.5986

Deuteranopia

45.2048, 44.3230, 33.3668



Tritanopia

47.0094, 44.5859, 50.9280

Trichromacy



Original Color

43.2058, 44.4400, 33.0887

Protanomaly

42.3963, 44.5960, 33.5675

Deuteranomaly

44.2980, 44.1369, 33.3787

Tritanomaly

45.4671, 44.5117, 43.7314

Monochromacy



Original Color

43.2058, 44.4400, 33.0887

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6127, 44.5117, 42.4221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2058, 44.4400, 33.0887 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(196, 175, 145)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 145)  
}
```

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(196, 175, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 145) }
```

Border

The CSS property to change the border of an element to XYZ 43.2058, 44.4400, 33.0887 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(196, 175, 145) }
```


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

```
.border{ border-color:rgb(196, 175, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 145);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2058, 44.4400, 33.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 145) }
```

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

```
.background{ background-color: rgb(196,  
175, 145) }
```

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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