

Converting Colors

XYZ(42.4796, 42.0864, 33.0787)

Have a look what the booklet for
XYZ(42.4796, 42.0864, 33.0787)
contains.

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Color

**XYZ(42.4796, 42.0864,
33.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A892
RGB	198, 168, 146
RGB Percent	78%, 66%, 57%
CMY	0.2235, 0.3412, 0.4274
CMYK	0.00, 0.15, 0.26, 0.22
HSL	25°, 31%, 67%
HSV	25°, 26%, 78%
XYZ	42.4796, 42.0864, 33.0787
YIQ	174.4620, 24.9420, -0.4820

Conversions

Conversions Part 2

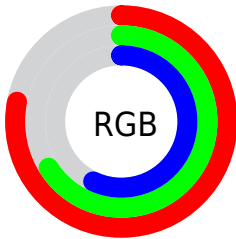
Format	Color
R_{YB}	198, 184, 146
Decimal	13019282
CIE _{Lab}	70.93, 7.58, 15.43
CIE _{LCh}	71, 17.193, 63.832
Yxy	42.0864, 0.3611, 0.3577
Android (android.graphics.Color)	4291209362 (0xFFC6A892)
YUV	174.4620, -14.0318, 20.6428
Hunter-Lab	64.8740, 3.3525, 15.1804

Details

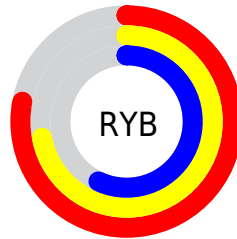
The XYZ color **42.4796, 42.0864, 33.0787** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5719, 41.2375, 59.4054**, and the grayscale version is **40.5317, 42.6426, 46.4377**.

A 20% lighter version of the original color is **78.0530, 78.2055, 65.6249**, and **19.6386, 19.1566, 13.4890** is the 20% darker color. If you saturate the color by 10%, you get **39.0543, 37.4907, 24.9849**, and if you desaturate by 10%, it is **46.3592, 47.1631, 42.6409**.

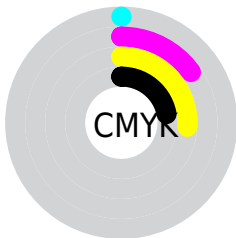
Distribution



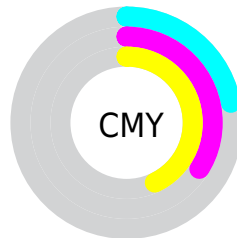
- Red (78%)
- Green (66%)
- Blue (57%)



- Red (78%)
- Yellow (72%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4796, 42.0864, 33.0787 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 42.4796, 42.0864, 33.0787 by changing the saturation by 10% instead.


 42.4796, 42.0864,
33.0787


 42.4796, 42.0864,
33.0787


347.4251,
354.8410, 330.6471

 29.6698, 29.1690,
21.9151


 78.1856, 78.3304,
65.6158

 19.7349, 19.2087,
13.5968


 101.8124,
102.4257, 87.8264

 12.3096, 11.8212,
7.7053


129.7757,
131.0157, 114.5565

 7.0286, 6.6220,
3.8219

162.4407,
164.4849, 146.2245

 3.5265, 3.2269,
1.5281

200.1728,
203.2177, 183.2490

 1.4379, 1.2513,
0.2388

243.3373,

 0.2830, 0.1030,

247.5983, 226.0486

0.0000

292.2996,
298.0113, 275.0418

■ 0.0000, 0.0000,
0.0000

■ 42.4796, 42.0864,
33.0787

■ 42.4796, 42.0864,
33.0787

■ 39.0543, 37.4907,
24.9849

■ 46.3592, 47.1631,
42.6409

■ 36.0614, 33.3552,
18.2829

■ 50.7070, 52.7293,
53.7377

■ 33.4821, 29.6661,
12.8931

■ 55.5405, 58.8005,
66.4343

■ 31.2947, 26.4063,
8.7265

■ 60.8752, 65.3898,
80.7913

■ 29.4752, 23.5577,
5.6831

■ 66.7259, 72.5095,
96.8662

■ 27.9960, 21.1002,
3.6464

■ 71.4880, 79.5244,
106.1897

■ 26.8235, 19.0106,
2.4682

■ 74.8922, 86.3328,
107.3244

■ 26.4424, 18.3133,
2.1411

■ 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



44.7523, 42.0864, 37.5938



42.4796, 42.0864, 33.0787



39.6350, 42.0864, 31.8227

Triad

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



42.4796, 42.0864, 33.0787



34.7556, 42.0864, 46.8870



43.1466, 42.0864, 60.2121

Complementary

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



42.4796, 42.0864, 33.0787



37.5719, 41.2375, 59.4054

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.



40.3710, 42.0864, 63.4288



42.4796, 42.0864, 33.0787



35.6001, 42.0864, 55.1776

Square

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



42.4796, 42.0864, 33.0787



35.2606, 42.0864, 39.2164



37.6224, 42.0864, 61.4854



45.1501, 42.0864, 53.1371

Rectangle

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



42.4796, 42.0864, 33.0787



37.8180, 42.0864, 32.8606



37.6224, 42.0864, 61.4854



42.2682, 42.0864, 61.8164

Sweetspot

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



42.4807, 42.0883, 33.0796



88.2979, 91.4755, 91.2973



41.4374, 35.7118, 45.9568



18.6412, 19.2505, 18.8776



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.



42.4807, 42.0883, 33.0796



71.3604, 69.3703, 49.3671



47.6948, 52.5165, 34.8176



10.9966, 11.3624, 11.1763



17.2771, 12.0713, 1.4194



0.8895, 0.7144, 0.0910

Inverse Universe

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



37.5719, 41.2375, 59.4054



61.0889, 67.5833, 104.4329



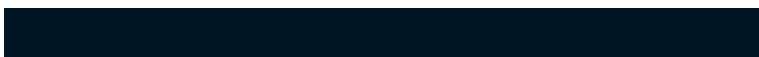
33.0072, 32.1080, 57.8839



10.5562, 11.2864, 13.5396



10.6440, 10.6818, 36.2452



0.5746, 0.6470, 1.7398

Previews

White Background



This preview shows how the XYZ color 42.4796, 42.0864, 33.0787 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 42.4796, 42.0864, 33.0787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

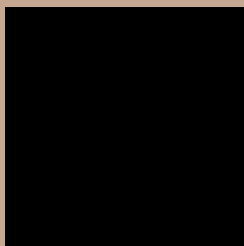
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4796, 42.0864, 33.0787

Background



This preview shows how black text looks on a background with the XYZ color 42.4796, 42.0864, 33.0787.



This preview shows how white text looks on a background with the XYZ color 42.4796, 42.0864,

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

42.4796, 42.0864, 33.0787

Protanopia

39.8968, 42.1243, 34.4618

Deuteranopia

42.8264, 41.9921, 33.0422



Tritanopia

45.4691, 42.2421, 46.8314

Trichromacy



Original Color

42.4796, 42.0864, 33.0787

Protanomaly

40.6472, 41.9553, 33.9728

Deuteranomaly

42.5602, 41.8549, 33.0298

Tritanomaly

44.3341, 42.0444, 41.3760

Monochromacy



Original Color

42.4796, 42.0864, 33.0787

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9818, 42.2527, 41.1176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4796, 42.0864, 33.0787 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(198, 168, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 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(198, 168, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 146) }
```

Border

The CSS property to change the border of an element to XYZ 42.4796, 42.0864, 33.0787 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(198, 168, 146) }
```


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

```
.border{ border-color:rgb(198, 168, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4796, 42.0864, 33.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 146) }
```

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

```
.background{ background-color: rgb(198,  
168, 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](#).

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