

Converting Colors

XYZ(41.3817, 43.0695, 27.7431)

Have a look what the booklet for
XYZ(41.3817, 43.0695, 27.7431)
contains.

XYZ(41.2884, 42.9952, 27.5955)	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(41.2884, 42.9952,
27.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AD83
RGB	194, 173, 131
RGB Percent	76%, 68%, 51%
CMY	0.2392, 0.3215, 0.4863
CMYK	0.00, 0.11, 0.32, 0.24
HSL	40°, 34%, 64%
HSV	40°, 32%, 76%
XYZ	41.2884, 42.9952, 27.5955
YIQ	174.4910, 25.9980, -8.6100

Conversions

Conversions Part 2

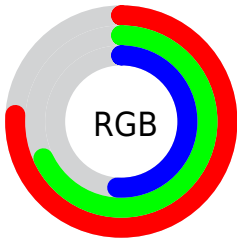
Format	Color
RYB	163, 194, 131
Decimal	12758403
CIELab	71.55, 1.30, 24.38
CIELCh	72, 24.418, 86.956
Yxy	42.9952, 0.3690, 0.3843
Android (android.graphics.Color)	4290948483 (0xFFC2AD83)
YUV	174.4910, -21.4411, 17.1094
Hunter-Lab	65.5707, -2.3514, 20.9473

Details

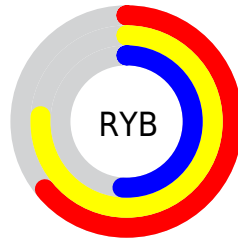
The XYZ color **41.2884, 42.9952, 27.5955** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3255, 31.1757, 55.4580**, and the grayscale version is **40.5833, 42.6968, 46.4968**.

A 20% lighter version of the original color is **76.1788, 79.4567, 56.6690**, and **18.9700, 19.7578, 10.5984** is the 20% darker color. If you saturate the color by 10%, you get **38.8852, 40.0995, 20.9037**, and if you desaturate by 10%, it is **44.0001, 46.1134, 35.6057**.

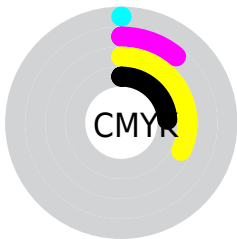
Distribution



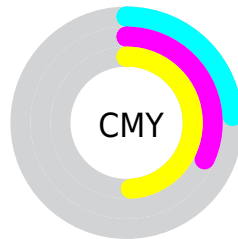
- Red (76%)
- Green (68%)
- Blue (51%)



- Red (64%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (24%)





- Cyan (24%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2884, 42.9952, 27.5955 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 41.2884, 42.9952, 27.5955 by changing the saturation by 10% instead.

 41.2884, 42.9952,
27.5955


 41.2884, 42.9952,
27.5955


342.5666,
358.5920, 304.3799


 28.7332, 29.8814,
17.7846


 76.3934, 79.7036,
56.8533

 19.0223, 19.7485,
10.6276


 99.6740, 104.0670,
77.1372

 11.7905, 12.2124,
5.7060


 127.2603,
132.9490, 101.7493

 6.6724, 6.8885,
2.6013

159.5178,
166.7340, 131.1080

 3.3026, 3.3925,
0.8931

196.8118,
205.8064, 165.6318

 1.3157, 1.3399,
0.0000

239.5077,

 0.1949, 0.1718,

250.5506, 205.7394

0.0000

287.9709,
301.3510, 251.8492

0.0000, 0.0000,
0.0000

41.2884, 42.9952,
27.5955

41.2884, 42.9952,
27.5955

38.8852, 40.0995,
20.9037

44.0001, 46.1134,
35.6057

36.7725, 37.4131,
15.4548

47.0304, 49.4548,
44.9988

34.9354, 34.9302,
11.1698

50.3931, 53.0277,
55.8383

33.3562, 32.6424,
7.9594

54.1000, 56.8382,
68.1828

32.0145, 30.5401,
5.7210

58.1625, 60.8921,
82.0877

■ 30.8862, 28.6121,
4.3320

■ 62.5912, 65.1948,
97.6058

■ 30.1442, 27.2616,
3.6732

■ 65.4374, 68.9679,
104.4710

■ 67.1495, 72.3921,
105.0417

■ 68.9278, 75.9487,
105.6344

Harmonies

Analogous

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



45.3456, 42.9952, 30.2364



41.2884, 42.9952, 27.5955



37.3743, 42.9952, 29.3438

Triad

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



41.2884, 42.9952, 27.5955



34.1949, 42.9952, 57.8862



47.8823, 42.9952, 60.3273

Complementary

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



41.2884, 42.9952, 27.5955



30.3255, 31.1757, 55.4580

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.



44.5680, 42.9952, 70.1247



41.2884, 42.9952, 27.5955



36.6909, 42.9952, 68.5570

Square

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



41.2884, 42.9952, 27.5955



33.4451, 42.9952, 45.6182



40.4458, 42.9952, 73.3626



49.3099, 42.9952, 48.0314

Rectangle

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



41.2884, 42.9952, 27.5955



35.3382, 42.9952, 32.9569



40.4458, 42.9952, 73.3626



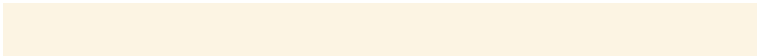
46.9414, 42.9952, 64.0963

Sweetspot

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



41.2895, 42.9972, 27.5964



86.5633, 91.0605, 85.8355



36.0322, 29.9694, 33.5918



18.7717, 19.7426, 18.2090



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.



41.2895, 42.9972, 27.5964



71.6389, 74.1095, 41.0982



43.0362, 50.3510, 28.9238



10.6215, 11.1744, 10.6589



19.8969, 18.0795, 2.4410



0.9209, 0.9036, 0.1259

Inverse Universe

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



30.3255, 31.1757, 55.4580



48.6966, 49.3845, 99.4354



28.9240, 25.8348, 54.5010



9.7965, 10.2842, 12.7536



7.7000, 5.1564, 34.1461



0.3968, 0.3511, 1.4967

Previews

White Background



This preview shows how the XYZ color 41.2884, 42.9952, 27.5955 looks on a white background.

Color Contrast Check

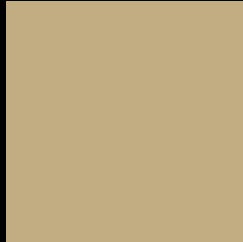
Large Text (above 18pt) WCAG AA × Fail

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 41.2884, 42.9952, 27.5955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

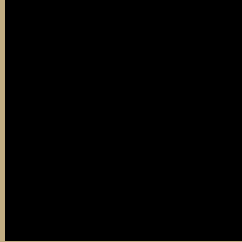
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2884, 42.9952, 27.5955

Background



This preview shows how black text looks on a background with the XYZ color 41.2884, 42.9952, 27.5955.



This preview shows how white text looks on a background with the XYZ color 41.2884, 42.9952,

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

41.2884, 42.9952, 27.5955

Protanopia

40.2339, 43.0173, 28.0124

Deuteranopia

43.8996, 42.9366, 27.8036



Tritanopia

45.6101, 43.0748, 49.0904

Trichromacy



Original Color

41.2884, 42.9952, 27.5955

Protanomaly

40.5361, 42.8852, 27.9710

Deuteranomaly

42.8967, 42.9720, 27.8633

Tritanomaly

43.7355, 42.8549, 40.1491

Monochromacy



Original Color

41.2884, 42.9952, 27.5955

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3637, 42.5645, 38.4361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2884, 42.9952, 27.5955 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(194, 173, 131)` looks like.

```
.text, #text, p{  
    color:rgb(194, 173, 131)  
}
```

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(194, 173, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 173, 131) }
```

Border

The CSS property to change the border of an element to XYZ 41.2884, 42.9952, 27.5955 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(194, 173, 131) }
```


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

```
.border{ border-color:rgb(194, 173, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 173, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 173, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 173, 131);  
box-shadow:4px 4px 4px 4px rgb(194, 173,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2884, 42.9952, 27.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 173, 131) }
```

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

```
.background{ background-color: rgb(194,  
173, 131) }
```

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