

Converting Colors

XYZ(40.8582, 42.3346, 27.0837)

Have a look what the booklet for
XYZ(40.8582, 42.3346, 27.0837)
contains.

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Color

**XYZ(40.8403, 42.2069,
27.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AB82
RGB	194, 171, 130
RGB Percent	76%, 67%, 51%
CMY	0.2392, 0.3294, 0.4902
CMYK	0.00, 0.12, 0.33, 0.24
HSL	38°, 34%, 64%
HSV	38°, 33%, 76%
XYZ	40.8403, 42.2069, 27.1133
YIQ	173.2030, 26.8690, -7.8750

Conversions

Conversions Part 2

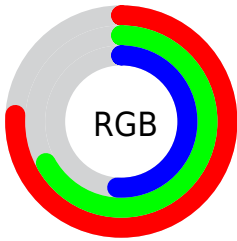
Format	Color
RYB	166, 194, 130
Decimal	12757890
CIELab	71.01, 2.24, 24.20
CIELCh	71, 24.301, 84.705
Yxy	42.2069, 0.3707, 0.3831
Android (android.graphics.Color)	4290947970 (0xFFC2AB82)
YUV	173.2030, -21.2991, 18.2390
Hunter-Lab	64.9668, -1.4810, 20.7327

Details

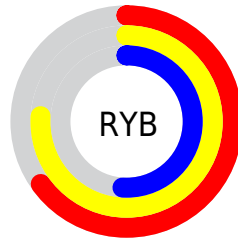
The XYZ color **40.8403, 42.2069, 27.1133** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.3344, 31.4223, 55.5052**, and the grayscale version is **39.9207, 41.9997, 45.7376**.

A 20% lighter version of the original color is **75.5273, 78.3208, 55.9365**, and **18.6923, 19.2618, 10.3221** is the 20% darker color. If you saturate the color by 10%, you get **38.3771, 39.1716, 20.4623**, and if you desaturate by 10%, it is **43.6206, 45.4832, 35.0822**.

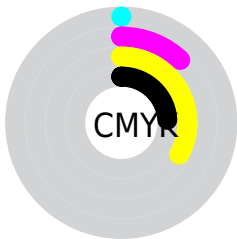
Distribution



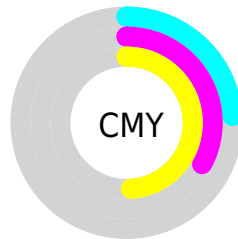
- Red (76%)
- Green (67%)
- Blue (51%)



- Red (65%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (24%)



- Cyan (24%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8403, 42.2069, 27.1133 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 40.8403, 42.2069, 27.1133 by changing the saturation by 10% instead.

■ 40.8403, 42.2069,
27.1133

■ 40.8403, 42.2069,
27.1133

340.7267,
355.3399, 301.9828

■ 28.3814, 29.2633,
17.4251

■ 75.7176, 78.5127,
56.0716

■ 18.7553, 19.2801,
10.3729

■ 98.8668, 102.6437,
76.1788

■ 11.5966, 11.8729,
5.5381

■ 126.3102,
131.2726, 100.5961

■ 6.5398, 6.6572,
2.5021

158.4130,
164.7838, 129.7420

■ 3.2198, 3.2486,
0.8413

195.5408,
203.5618, 164.0351

■ 1.2710, 1.2629,
0.0000

238.0587,

■ 0.1614, 0.1122,

247.9908, 203.8939

0.0000

286.3322,
298.4554, 249.7369

■ 0.0000, 0.0000,
0.0000

■ 40.8403, 42.2069,
27.1133

■ 40.8403, 42.2069,
27.1133

■ 38.3771, 39.1716,
20.4623

■ 43.6206, 45.4832,
35.0822

■ 36.2130, 36.3638,
15.0535

■ 46.7286, 49.0018,
44.4339

■ 34.3327, 33.7772,
10.8071


■ 50.1783, 52.7715,
55.2322


■ 32.7180, 31.4028,
7.6334


■ 53.9818, 56.7987,
67.5359


■ 31.3484, 29.2305,
5.4288


■ 58.1505, 61.0895,
81.4007


 30.1990, 27.2485,
4.0693

 62.6954, 65.6499,
96.8795

 29.4928, 25.9587,
3.4561

 65.8385, 69.7700,
104.6046

 67.7041, 73.5012,
105.2265

 69.6468, 77.3867,
105.8741

Harmonies

Analogous

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



44.7925, 42.2069, 30.0327



40.8403, 42.2069, 27.1133



36.9449, 42.2069, 28.5073

Triad

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



40.8403, 42.2069, 27.1133



33.4413, 42.2069, 55.9357



46.8232, 42.2069, 60.1044

Complementary

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



40.8403, 42.2069, 27.1133



30.3344, 31.4223, 55.5052

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.



43.4644, 42.2069, 69.3758



40.8403, 42.2069, 27.1133



35.7776, 42.2069, 66.6990

Square

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



40.8403, 42.2069, 27.1133



32.8422, 42.2069, 43.9259



39.4011, 42.2069, 71.9719



48.3924, 42.2069, 48.0480

Rectangle

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



40.8403, 42.2069, 27.1133



34.8773, 42.2069, 31.8412



39.4011, 42.2069, 71.9719



45.8555, 42.2069, 63.7256

Sweetspot

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



40.8414, 42.2088, 27.1142



86.3658, 90.6655, 85.7697



36.0194, 29.7504, 34.1839



18.7227, 19.6445, 18.1927



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.



40.8414, 42.2088, 27.1142



70.5311, 72.2269, 39.7025



43.4416, 50.5678, 28.5906



10.5992, 11.1298, 10.6515



19.4706, 17.2269, 2.2989



0.9046, 0.8710, 0.1204

Inverse Universe

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



30.3344, 31.4223, 55.5052



48.4224, 49.5420, 99.4802



28.2903, 25.3097, 54.4331



9.8179, 10.3271, 12.7607



7.9013, 5.5590, 34.2132



0.4070, 0.3714, 1.5001

Previews

White Background



This preview shows how the XYZ color 40.8403, 42.2069, 27.1133 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 40.8403, 42.2069, 27.1133 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 40.8403, 42.2069, 27.1133

Background



This preview shows how black text looks on a background with the XYZ color 40.8403, 42.2069, 27.1133.



This preview shows how white text looks on a background with the XYZ color 40.8403, 42.2069,

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

40.8403, 42.2069, 27.1133

Protanopia

39.4825, 42.3499, 27.5661

Deuteranopia

43.0923, 42.2553, 27.3576



Tritanopia

44.9441, 42.2267, 47.3767

Trichromacy



Original Color

40.8403, 42.2069, 27.1133

Protanomaly

40.0266, 42.3447, 27.5364

Deuteranomaly

42.1868, 42.0615, 27.3679

Tritanomaly

43.1898, 42.0458, 39.0970

Monochromacy



Original Color

40.8403, 42.2069, 27.1133

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8944, 41.7631, 37.8567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8403, 42.2069, 27.1133 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, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 130)  
}
```

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, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 130) }
```

Border

The CSS property to change the border of an element to XYZ 40.8403, 42.2069, 27.1133 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, 171, 130) }
```


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

```
.border{ border-color:rgb(194, 171, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8403, 42.2069, 27.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 130) }
```

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

```
.background{ background-color: rgb(194,  
171, 130) }
```

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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