

Converting Colors

XYZ(42.4861, 44.2785, 27.0523)

Have a look what the booklet for
XYZ(42.4861, 44.2785, 27.0523)
contains.

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Color

**XYZ(42.3184, 44.1152,
27.0536)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AF81
RGB	197, 175, 129
RGB Percent	77%, 69%, 51%
CMY	0.2275, 0.3137, 0.4941
CMYK	0.00, 0.11, 0.35, 0.23
HSL	41°, 37%, 64%
HSV	41°, 35%, 77%
XYZ	42.3184, 44.1152, 27.0536
YIQ	176.3340, 27.8780, -9.6420

Conversions

Conversions Part 2

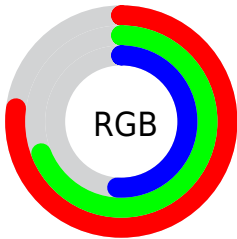
Format	Color
RYB	162, 197, 129
Decimal	12955521
CIELab	72.31, 1.17, 26.52
CIELCh	72, 26.543, 87.471
Yxy	44.1152, 0.3729, 0.3887
Android (android.graphics.Color)	4291145601 (0xFFC5AF81)
YUV	176.3340, -23.3357, 18.1241
Hunter-Lab	66.4193, -2.5042, 22.3438

Details

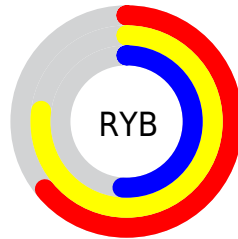
The XYZ color **42.3184, 44.1152, 27.0536** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1978, 30.8308, 57.1828**, and the grayscale version is **41.5500, 43.7138, 47.6043**.

A 20% lighter version of the original color is **77.9803, 81.2310, 55.8251**, and **19.6496, 20.4812, 10.3148** is the 20% darker color. If you saturate the color by 10%, you get **39.9223, 41.2204, 20.4055**, and if you desaturate by 10%, it is **45.0277, 47.2321, 35.0526**.

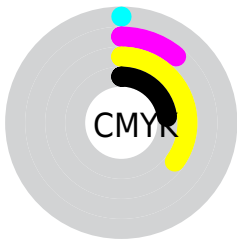
Distribution



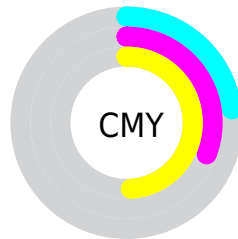
- Red (77%)
- Green (69%)
- Blue (51%)



- Red (64%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3184, 44.1152, 27.0536 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 42.3184, 44.1152, 27.0536 by changing the saturation by 10% instead.

■ 42.3184, 44.1152,
27.0536

■ 42.3184, 44.1152,
27.0536

346.7703,
363.1782, 301.6849

■ 29.5429, 30.7611,
17.3807

■ 77.9434, 81.3911,
55.9746

■ 19.6382, 20.4170,
10.3415

■ 101.5237,
106.0816, 76.0599

■ 12.2391, 12.6985,
5.5174

■ 129.4362,
135.3197, 100.4529

■ 6.9801, 7.2213,
2.4899

162.0463,
169.4899, 129.5724

■ 3.4959, 3.6009,
0.8348

199.7194,
208.9764, 163.8368

■ 1.4211, 1.4529,
0.0000

242.8209,

■ 0.2712, 0.2552,

254.1637, 203.6646

0.0000

291.7161,
305.4361, 249.4745

■ 0.0000, 0.0000,
0.0000

■ 42.3184, 44.1152,
27.0536

■ 42.3184, 44.1152,
27.0536

■ 39.9223, 41.2204,
20.4055

■ 45.0277, 47.2321,
35.0526

■ 37.8208, 38.5342,
15.0287

■ 48.0612, 50.5720,
44.4707

■ 35.9981, 36.0506,
10.8393

■ 51.4330, 54.1434,
55.3745

■ 34.4353, 33.7608,
7.7420

■ 55.1558, 57.9525,
67.8258

■ 33.1108, 31.6546,
5.6270

■ 59.2411, 62.0052,
81.8827

■ 31.9984, 29.7203,
4.3607

■ 63.7001, 66.3070,
97.6004

■ 31.4515, 28.7213,
3.8861

■ 66.5673, 70.0729,
104.6247

■ 68.2679, 73.4741,
105.1916

■ 70.0329, 77.0042,
105.7799

Harmonies

Analogous

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



46.8262, 44.1152, 29.8137



42.3184, 44.1152, 27.0536



38.0124, 44.1152, 29.0144

Triad

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



42.3184, 44.1152, 27.0536



34.6189, 44.1152, 60.5799



49.7694, 44.1152, 62.8487

Complementary

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



42.3184, 44.1152, 27.0536



30.1978, 30.8308, 57.1828

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.



46.1083, 44.1152, 73.9490



42.3184, 44.1152, 27.0536



37.3879, 44.1152, 72.4809

Square

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



42.3184, 44.1152, 27.0536



33.7631, 44.1152, 46.9340



41.5443, 44.1152, 77.7567



51.3183, 44.1152, 49.1509

Rectangle

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



42.3184, 44.1152, 27.0536



35.7923, 44.1152, 32.9749



41.5443, 44.1152, 77.7567



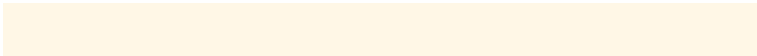
48.7325, 44.1152, 67.0954

Sweetspot

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



42.3195, 44.1172, 27.0545



88.6376, 93.3148, 87.8352



36.5169, 29.8275, 33.3960



18.7902, 19.7796, 18.2152



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.



42.3195, 44.1172, 27.0545



72.6857, 75.2853, 39.7451



44.0978, 51.9151, 28.4659



11.2235, 11.8162, 11.2520



20.7655, 19.0482, 2.5822



1.0469, 1.0293, 0.1435

Inverse Universe

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



30.1978, 30.8308, 57.1828



47.9070, 48.1395, 101.3746



28.8003, 25.3368, 56.1960



10.3322, 10.8384, 13.4649



7.8924, 5.1786, 35.3280



0.4399, 0.3777, 1.6949

Previews

White Background



This preview shows how the XYZ color 42.3184, 44.1152, 27.0536 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 42.3184, 44.1152, 27.0536 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 42.3184, 44.1152, 27.0536

Background



This preview shows how black text looks on a background with the XYZ color 42.3184, 44.1152, 27.0536.



This preview shows how white text looks on a background with the XYZ color 42.3184, 44.1152,

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

42.3184, 44.1152, 27.0536

Protanopia

41.2373, 44.1324, 27.4641

Deuteranopia

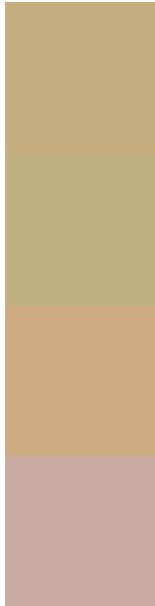
44.9823, 44.0628, 27.2532



Tritanopia

46.9717, 44.0380, 49.7406

Trichromacy



Original Color

42.3184, 44.1152, 27.0536

Protanomaly

41.5469, 43.9998, 27.4222

Deuteranomaly

43.9586, 44.0959, 27.3136

Tritanomaly

45.1719, 44.1520, 40.3238

Monochromacy



Original Color

42.3184, 44.1152, 27.0536

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5505, 43.7442, 39.0544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3184, 44.1152, 27.0536 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(197, 175, 129)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 129)  
}
```

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(197, 175, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 129) }
```

Border

The CSS property to change the border of an element to XYZ 42.3184, 44.1152, 27.0536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

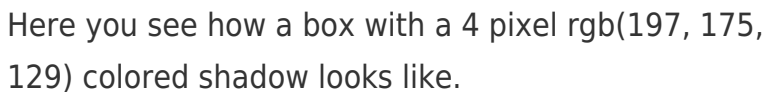
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 175, 129) }
```


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

```
.border{ border-color:rgb(197, 175, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 175, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 175, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 175, 129); box-shadow:4px 4px 4px 4px rgb(197, 175, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3184, 44.1152, 27.0536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 129) }
```

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

```
.background{ background-color: rgb(197,  
175, 129) }
```

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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