

Converting Colors

XYZ(47.9574, 52.6237, 32.8294)

Have a look what the booklet for
XYZ(47.9574, 52.6237, 32.8294)
contains.

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Color

**XYZ(47.9651, 52.4805,
32.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C18D
RGB	201, 193, 141
RGB Percent	79%, 76%, 55%
CMY	0.2118, 0.2431, 0.4471
CMYK	0.00, 0.04, 0.30, 0.21
HSL	52°, 36%, 67%
HSV	52°, 30%, 79%
XYZ	47.9651, 52.4805, 32.8010
YIQ	189.4640, 21.4600, -14.4760

Conversions

Conversions Part 2

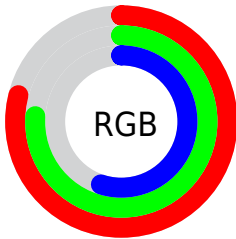
Format	Color
R_{YB}	150, 201, 141
Decimal	13222285
CIE _{Lab}	77.57, -5.23, 27.25
CIE _{LCh}	78, 27.748, 100.867
Yxy	52.4805, 0.3600, 0.3939
Android (android.graphics.Color)	4291412365 (0xFFC9C18D)
YUV	189.4640, -23.8928, 10.1171
Hunter-Lab	72.4434, -8.5904, 23.8650

Details

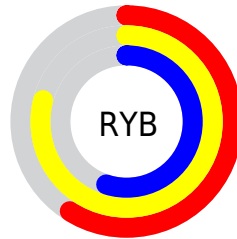
The XYZ color **47.9651, 52.4805, 32.8010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.2745, 31.3739, 59.6133**, and the grayscale version is **48.7608, 51.3002, 55.8659**.

A 20% lighter version of the original color is **84.9660, 92.9515, 65.0930**, and **23.0776, 25.6053, 13.3989** is the 20% darker color. If you saturate the color by 10%, you get **46.0169, 50.7642, 25.4307**, and if you desaturate by 10%, it is **50.1981, 54.3316, 41.6066**.

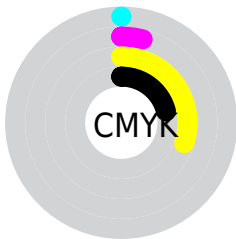
Distribution



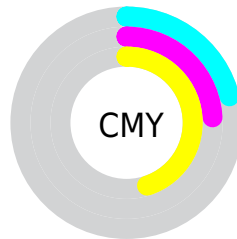
- Red (79%)
- Green (76%)
- Blue (55%)



- Red (59%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9651, 52.4805, 32.8010 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 47.9651, 52.4805, 32.8010 by changing the saturation by 10% instead.

■ 47.9651, 52.4805,
32.8010

■ 47.9651, 52.4805,
32.8010

369.2387,
396.2888, 329.3565

■ 34.0104, 37.3882,
21.7042

■ 86.3624, 93.8395,
65.1771

■ 23.0645, 25.5082,
13.4435

■ 111.5358,
120.8750, 87.2935

■ 14.7621, 16.4561,
7.6003

■ 141.1794,
152.6603, 113.9202

■ 8.7378, 9.8475,
3.7562

175.6586,
189.5799, 145.4757

■ 4.6263, 5.2979,
1.4926

215.3388,
232.0182, 182.3785

■ 2.0622, 2.4231,
0.2124

260.5853,

■ 0.6685, 0.8377,

280.3595, 225.0473

0.0000

311.7635,
334.9882, 273.9004

■ 0.0000, 0.0000,
0.0000

■ 47.9651, 52.4805,
32.8010

■ 47.9651, 52.4805,
32.8010

■ 46.0169, 50.7642,
25.4307

■ 50.1981, 54.3316,
41.6066

■ 44.3349, 49.1695,
19.4150

■ 52.7257, 56.3159,
51.9159

■ 42.9041, 47.6924,
14.6703

■ 55.5618, 58.4410,
63.7965

■ 41.7067, 46.3255,
11.1024

■ 58.7184, 60.7118,
77.3115

■ 40.7222, 45.0605,
8.6038

■ 62.2069, 63.1328,
92.5199

■ 39.9265, 43.8878,
7.0476

■ 64.9566, 65.2758,
103.7837

■ 39.2746, 42.7892,
6.1978

■ 65.6197, 66.6019,
104.0047

■ 39.2652, 42.7730,
6.1865

■ 66.2938, 67.9502,
104.2294

■ 66.9791, 69.3208,
104.4578

Harmonies

Analogous

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



53.3323, 52.4805, 33.5666



47.9651, 52.4805, 32.8010



43.4433, 52.4805, 37.6188

Triad

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



47.9651, 52.4805, 32.8010



42.4933, 52.4805, 78.6882



60.2541, 52.4805, 67.3617

Complementary

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



47.9651, 52.4805, 32.8010



32.2745, 31.3739, 59.6133

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.



56.9256, 52.4805, 82.4668



47.9651, 52.4805, 32.8010



46.5822, 52.4805, 89.7719

Square

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



47.9651, 52.4805, 32.8010



40.4379, 52.4805, 62.8838



51.8475, 52.4805, 91.2666



60.6908, 52.4805, 51.7615

Rectangle

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



47.9651, 52.4805, 32.8010



41.4175, 52.4805, 43.9560



51.8475, 52.4805, 91.2666



59.4257, 52.4805, 72.7328

Sweetspot

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



47.9664, 52.4829, 32.8021



90.6047, 96.6732, 90.2656



39.0376, 33.6378, 32.8697



19.2483, 20.5810, 18.7214



0.0000, 0.0000, 0.0000



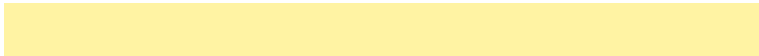
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.9664, 52.4829, 32.8021



79.8497, 87.8733, 47.4971



44.2852, 53.2804, 33.1501



11.3987, 12.1666, 11.3104



24.7369, 26.9911, 3.9060



1.2056, 1.3467, 0.1964

Inverse Universe

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



32.2745, 31.3739, 59.6133



48.6097, 45.8565, 100.8969



35.1723, 31.0540, 59.3988



10.1688, 10.5116, 13.4105



6.9109, 3.2157, 35.0008



0.3655, 0.2288, 1.6700

Previews

White Background



This preview shows how the XYZ color 47.9651, 52.4805, 32.8010 looks on a white background.

Color Contrast Check

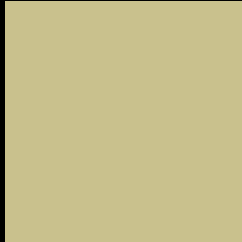
Large Text (above 18pt) WCAG AA × Fail

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 47.9651, 52.4805, 32.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

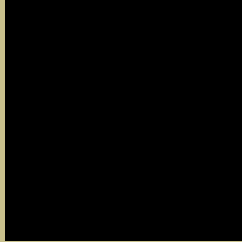
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9651, 52.4805, 32.8010

Background



This preview shows how black text looks on a background with the XYZ color 47.9651, 52.4805, 32.8010.



This preview shows how white text looks on a background with the XYZ color 47.9651, 52.4805,

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

47.9651, 52.4805, 32.8010

Protanopia

48.8180, 52.2769, 32.3284

Deuteranopia

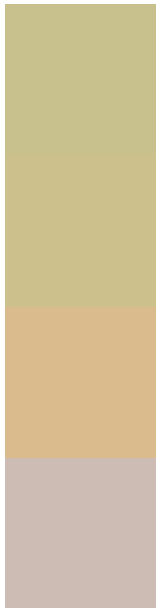
53.4624, 52.4329, 33.2894



Tritanopia

53.7867, 52.2780, 61.8994

Trichromacy



Original Color

47.9651, 52.4805, 32.8010

Protanomaly

48.4851, 52.4301, 32.3755

Deuteranomaly

51.2681, 52.2454, 32.9734

Tritanomaly

51.2967, 52.2002, 50.0199

Monochromacy



Original Color

47.9651, 52.4805, 32.8010

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.8522, 51.1429, 46.3792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9651, 52.4805, 32.8010 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(201, 193, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 141)  
}
```

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(201, 193, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 141) }
```

Border

The CSS property to change the border of an element to XYZ 47.9651, 52.4805, 32.8010 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(201, 193, 141) }
```


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

```
.border{ border-color:rgb(201, 193, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9651, 52.4805, 32.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 141) }
```

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

```
.background{ background-color: rgb(201,  
193, 141) }
```

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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