

Converting Colors

XYZ(47.6073, 47.6758, 40.8961)

Have a look what the booklet for
XYZ(47.6073, 47.6758, 40.8961)
contains.

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Color

**XYZ(47.5435, 47.6862,
40.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB3A2
RGB	204, 179, 162
RGB Percent	80%, 70%, 64%
CMY	0.2000, 0.2980, 0.3647
CMYK	0.00, 0.12, 0.21, 0.20
HSL	24°, 29%, 72%
HSV	24°, 21%, 80%
XYZ	47.5435, 47.6862, 40.8810
YIQ	184.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

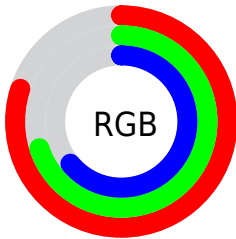
Format	Color
R_{YB}	204, 191, 162
Decimal	13415330
CIE _{Lab}	74.63, 6.27, 11.97
CIE _{LCh}	75, 13.514, 62.337
Yxy	47.6862, 0.3493, 0.3503
Android (android.graphics.Color)	4291605410 (0xFFCCB3A2)
YUV	184.5370, -11.1107, 17.0691
Hunter-Lab	69.0552, 2.0481, 13.2387

Details

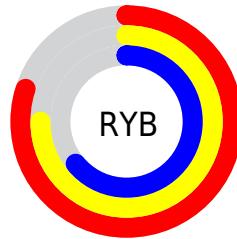
The XYZ color **47.5435, 47.6862, 40.8810** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5693, 47.5804, 64.0146**, and the grayscale version is **45.9098, 48.3007, 52.5995**.

A 20% lighter version of the original color is **83.4727, 85.6864, 77.7853**, and **22.6698, 22.4371, 17.8878** is the 20% darker color. If you saturate the color by 10%, you get **43.5484, 42.3662, 31.3168**, and if you desaturate by 10%, it is **52.0497, 53.5568, 52.0680**.

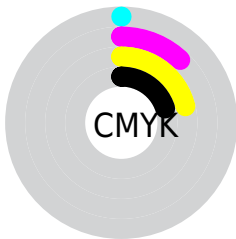
Distribution



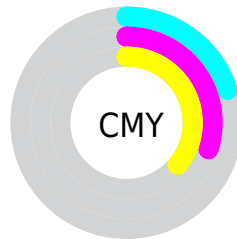
- Red (80%)
- Green (70%)
- Blue (64%)



- Red (80%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5435, 47.6862, 40.8810 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 47.5435, 47.6862, 40.8810 by changing the saturation by 10% instead.


 47.5435, 47.6862,
40.8810


 47.5435, 47.6862,
40.8810


367.5926,
377.5469, 365.4849

 33.6753, 33.5785,
27.9071

 85.7381, 86.7370,
77.7549

 22.8059, 22.5699,
18.0172


 110.7953,
112.4488, 102.4920

 14.5702, 14.2763,
10.7928


140.3127,
142.7975, 131.9873

 8.6026, 8.3131,
5.8153

174.6559,
178.1674, 166.6593

 4.5379, 4.2959,
2.6661

214.1901,
218.9429, 206.9265

 2.0107, 1.8404,
0.9263

259.2807,

 0.6400, 0.5122,

265.5084, 253.2075

0.0000

310.2931,
318.2483, 305.9208

■ 0.0000, 0.0000,
0.0000

■ 47.5435, 47.6862,
40.8810

■ 47.5435, 47.6862,
40.8810

■ 43.5484, 42.3662,
31.3168

■ 52.0497, 53.5568,
52.0680

■ 40.0408, 37.5735,
23.2960

■ 57.0815, 59.9873,
64.9462

■ 37.0011, 33.2929,
16.7370

■ 62.6579, 66.9951,
79.5835

■ 34.4063, 29.5055,
11.5491

■ 68.7955, 74.5947,
96.0434

■ 32.2315, 26.1915,
7.6318

■ 74.0266, 82.2067,
106.5736

■ 30.4487, 23.3289,
4.8702

■ 77.7154, 89.5844,
107.8032

■ 29.0256, 20.8939,
3.1282

■ 78.7119, 91.5774,
108.1354

■ 27.9640, 18.9616,
2.1861

Harmonies

Analogous

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



49.4161, 47.6862, 45.0444



47.5435, 47.6862, 40.8810



45.1328, 47.6862, 39.5913

Triad

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



47.5435, 47.6862, 40.8810



40.7849, 47.6862, 52.4734



47.8873, 47.6862, 64.1568

Complementary

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



47.5435, 47.6862, 40.8810



43.5693, 47.5804, 64.0146

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.



45.5164, 47.6862, 66.5794



47.5435, 47.6862, 40.8810



41.4649, 47.6862, 59.4666

Square

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



47.5435, 47.6862, 40.8810



41.2844, 47.6862, 45.9153



43.1753, 47.6862, 64.7913



49.6195, 47.6862, 58.4313

Rectangle

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



47.5435, 47.6862, 40.8810



43.5600, 47.6862, 40.4315



43.1753, 47.6862, 64.7913



47.1356, 47.6862, 65.4065

Sweetspot

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



47.5448, 47.6884, 40.8820



89.8473, 93.3807, 95.4934



46.8137, 42.2751, 52.8191



19.1140, 19.8376, 20.1409



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.



47.5448, 47.6884, 40.8820



75.4998, 74.6891, 59.8718



52.0318, 56.6623, 42.3777



11.5790, 11.9469, 11.7751



17.6869, 12.1068, 1.4047



0.9863, 0.7724, 0.0971

Inverse Universe

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



43.5693, 47.5804, 64.0146



67.6708, 74.4728, 105.4158



39.4726, 39.3869, 62.6490



11.1475, 11.9355, 14.2866



11.2883, 11.6005, 37.6004



0.6556, 0.7450, 1.9642

Previews

White Background



This preview shows how the XYZ color 47.5435, 47.6862, 40.8810 looks on a white background.

Color Contrast Check

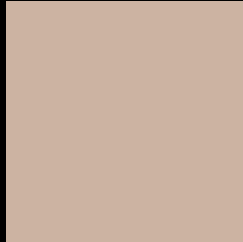
Large Text (above 18pt) WCAG AA × Fail

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 47.5435, 47.6862, 40.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

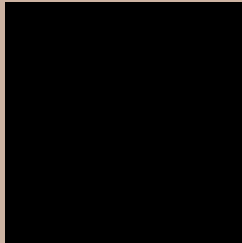
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5435, 47.6862, 40.8810

Background



This preview shows how black text looks on a background with the XYZ color 47.5435, 47.6862, 40.8810.



This preview shows how white text looks on a background with the XYZ color 47.5435, 47.6862,

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

47.5435, 47.6862, 40.8810

Protanopia

45.3726, 47.7538, 41.9480

Deuteranopia

48.5382, 47.6082, 40.8135



Tritanopia

50.2474, 47.5995, 54.6834

Trichromacy



Original Color

47.5435, 47.6862, 40.8810

Protanomaly

46.1038, 47.8360, 41.4537

Deuteranomaly

48.1741, 47.7148, 40.8533

Tritanomaly

49.1156, 47.4272, 49.2135

Monochromacy



Original Color

47.5435, 47.6862, 40.8810

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6075, 48.2478, 48.4512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5435, 47.6862, 40.8810 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(204, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 162)  
}
```

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(204, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 162) }
```

Border

The CSS property to change the border of an element to XYZ 47.5435, 47.6862, 40.8810 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(204, 179, 162) }
```


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

```
.border{ border-color:rgb(204, 179, 162) }
```

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

Here you see how a box with a 4 pixel rgb(204, 179, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5435, 47.6862, 40.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 162) }
```

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

```
.background{ background-color: rgb(204,  
179, 162) }
```

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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