

Converting Colors

XYZ(46.3924, 46.2722, 44.4413)

Have a look what the booklet for
XYZ(46.3924, 46.2722, 44.4413)
contains.

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Color

**XYZ(46.5310, 46.4887,
44.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B1AA
RGB	199, 177, 170
RGB Percent	78%, 69%, 67%
CMY	0.2196, 0.3059, 0.3333
CMYK	0.00, 0.11, 0.15, 0.22
HSL	14°, 21%, 72%
HSV	14°, 15%, 78%
XYZ	46.5310, 46.4887, 44.5510
YIQ	182.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

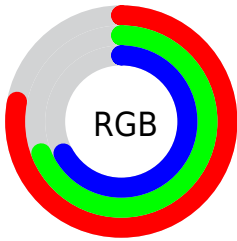
Format	Color
R_{YB}	199, 179, 170
Decimal	13087146
CIE Lab	73.86, 6.73, 6.46
CIE LCh	74, 9.328, 43.791
Yxy	46.4887, 0.3382, 0.3379
Android (android.graphics.Color)	4291277226 (0xFFC7B1AA)
YUV	182.7800, -6.3005, 14.2249
Hunter-Lab	68.1826, 2.4971, 8.9873

Details

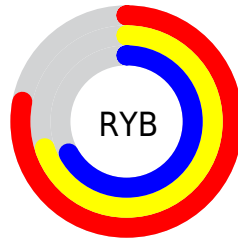
The XYZ color **46.5310, 46.4887, 44.5510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7357, 50.3676, 61.3445**, and the grayscale version is **44.9178, 47.2570, 51.4629**.

A 20% lighter version of the original color is **83.9695, 84.9741, 83.2101**, and **22.1547, 21.7431, 20.1687** is the 20% darker color. If you saturate the color by 10%, you get **41.9712, 40.1568, 34.4359**, and if you desaturate by 10%, it is **51.7082, 53.5983, 56.2789**.

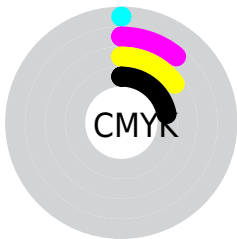
Distribution



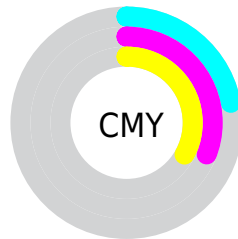
- Red (78%)
- Green (69%)
- Blue (67%)



- Red (78%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5310, 46.4887, 44.5510 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 46.5310, 46.4887, 44.5510 by changing the saturation by 10% instead.


 46.5310, 46.4887,
44.5510

 46.5310, 46.4887,
44.5510


363.6196,
372.7699, 381.0590

 32.8714, 32.6316,
30.7635


 84.2361, 84.9499,
83.3575

 22.1867, 21.8444,
20.1619


109.0124,
110.3228, 109.2137

 14.1115, 13.7426,
12.3275


138.2250,
140.3032, 139.9298

 8.2805, 7.9419,
6.8419

172.2392,
175.2753, 175.9244

 4.3283, 4.0578,
3.2865

211.4204,
215.6237, 217.6161

 1.8895, 1.7059,
1.2427

256.1340,

 0.5707, 0.4275,

261.7326, 265.4234

0.0141

306.7453,
313.9866, 319.7649

■ 0.0000, 0.0000,
0.0000

■ 46.5310, 46.4887,
44.5510

■ 46.5310, 46.4887,
44.5510

■ 41.9712, 40.1568,
34.4359

■ 51.7082, 53.5983,
56.2789

■ 38.0014, 34.5699,
25.8598

■ 57.5210, 61.5046,
69.6830

■ 34.5980, 29.7021,
18.7475

■ 63.9919, 70.2336,
84.8270

■ 31.7341, 25.5236,
13.0166

■ 71.1408, 79.8084,
101.7703

■ 29.3805, 22.0024,
8.5760

■ 76.5630, 89.2815,
107.8055

■ 27.5052, 19.1040,
5.3238

■ 77.3633, 90.8822,
108.0723

■ 26.0721, 16.7903,
3.1425

■ 25.0391, 15.0189,
1.8898

■ 24.6128, 14.2611,
1.4554

Harmonies

Analogous

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



47.3597, 46.4887, 48.4699



46.5310, 46.4887, 44.5510



45.0833, 46.4887, 42.3365

Triad

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



46.5310, 46.4887, 44.5510



41.1909, 46.4887, 48.1087



44.9515, 46.4887, 60.0272

Complementary

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



46.5310, 46.4887, 44.5510



45.7357, 50.3676, 61.3445

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.



43.3009, 46.4887, 59.9153



46.5310, 46.4887, 44.5510



41.1576, 46.4887, 52.8292

Square

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



46.5310, 46.4887, 44.5510



42.0134, 46.4887, 44.3008



41.9214, 46.4887, 57.2129



46.4324, 46.4887, 57.5095

Rectangle

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



46.5310, 46.4887, 44.5510



43.9754, 46.4887, 42.0323



41.9214, 46.4887, 57.2129



44.3975, 46.4887, 60.3005

Sweetspot

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



46.5323, 46.4908, 44.5520



91.0323, 94.5231, 99.6731



47.4687, 44.7083, 56.1329



19.3273, 20.0169, 20.9744



0.0000, 0.0000, 0.0000



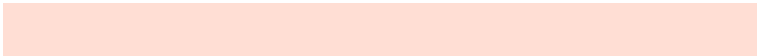
20.3446, 21.4041, 23.3091

Same Dimension

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



46.5323, 46.4908, 44.5520



79.2326, 78.3019, 72.9939



49.4983, 52.4229, 45.5407



10.8384, 11.0460, 11.1236



15.8845, 9.2861, 0.9552



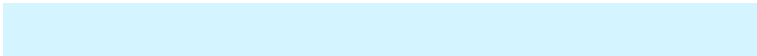
0.8107, 0.5569, 0.0648

Inverse Universe

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



45.7357, 50.3676, 61.3445



77.6111, 86.1861, 107.1528



42.7543, 44.4050, 60.3508



10.7213, 11.6167, 13.5947



13.8096, 17.0130, 37.3004



0.7076, 0.9130, 1.7841

Previews

White Background



This preview shows how the XYZ color 46.5310, 46.4887, 44.5510 looks on a white background.

Color Contrast Check

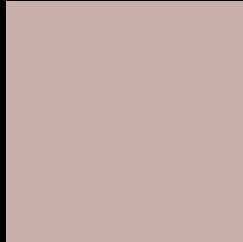
Large Text (above 18pt) WCAG AA × Fail

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 46.5310, 46.4887, 44.5510 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 46.5310, 46.4887, 44.5510

Background



This preview shows how black text looks on a background with the XYZ color 46.5310, 46.4887, 44.5510.



This preview shows how white text looks on a background with the XYZ color 46.5310, 46.4887,

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

46.5310, 46.4887, 44.5510

Protanopia

44.4638, 46.5911, 45.6792

Deuteranopia

47.2143, 46.2587, 44.4706



Tritanopia

48.3005, 46.3205, 53.9720

Trichromacy



Original Color

46.5310, 46.4887, 44.5510

Protanomaly

45.1578, 46.6592, 45.1541

Deuteranomaly

47.1382, 46.5095, 44.5230

Tritanomaly

47.4899, 46.2755, 50.1451

Monochromacy



Original Color

46.5310, 46.4887, 44.5510

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5460, 47.0809, 48.8065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5310, 46.4887, 44.5510 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(199, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 177, 170)  
}
```

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(199, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 177, 170) }
```

Border

The CSS property to change the border of an element to XYZ 46.5310, 46.4887, 44.5510 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(199, 177, 170) }
```


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

```
.border{ border-color:rgb(199, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 177,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5310, 46.4887, 44.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 177, 170) }
```

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

```
.background{ background-color: rgb(199,  
177, 170) }
```

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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