

Converting Colors

XYZ(46.9302, 48.0394, 44.5588)

Have a look what the booklet for
XYZ(46.9302, 48.0394, 44.5588)
contains.

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Color

**XYZ(46.7113, 47.7826,
44.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B5A9
RGB	197, 181, 169
RGB Percent	77%, 71%, 66%
CMY	0.2274, 0.2902, 0.3372
CMYK	0.00, 0.08, 0.14, 0.23
HSL	26°, 19%, 72%
HSV	26°, 14%, 77%
XYZ	46.7113, 47.7826, 44.2971
YIQ	184.4160, 13.3880, -0.3400

Conversions

Conversions Part 2

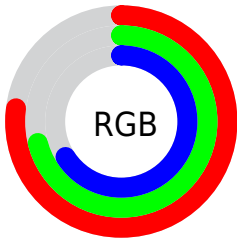
Format	Color
RYB	197, 190, 169
Decimal	12957097
CIELab	74.69, 3.68, 8.16
CIELCh	75, 8.954, 65.722
Yxy	47.7826, 0.3366, 0.3443
Android (android.graphics.Color)	4291147177 (0xFFC5B5A9)
YUV	184.4160, -7.6001, 11.0362
Hunter-Lab	69.1250, -0.3470, 10.3929

Details

The XYZ color **46.7113, 47.7826, 44.2971** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7891, 47.1634, 59.6195**, and the grayscale version is **45.8266, 48.2132, 52.5042**.

A 20% lighter version of the original color is **84.6118, 87.0210, 82.8582**, and **22.2577, 22.5623, 20.0115** is the 20% darker color. If you saturate the color by 10%, you get **42.8030, 42.7058, 34.5471**, and if you desaturate by 10%, it is **51.0858, 53.3449, 55.5784**.

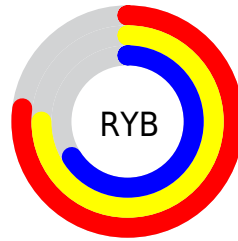
Distribution



Red (77%)

Green (71%)

Blue (66%)



Red (77%)

Yellow (75%)

Blue (66%)

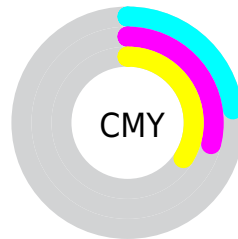


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7113, 47.7826, 44.2971 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 46.7113, 47.7826, 44.2971 by changing the saturation by 10% instead.


 46.7113, 47.7826,
44.2971

 46.7113, 47.7826,
44.2971


364.3292,
377.9298, 379.9961

 33.0145, 33.6548,
30.5652


 84.5039, 86.8806,
82.9719

 22.2968, 22.6285,
20.0123


109.3304,
112.6196, 108.7518

 14.1930, 14.3194,
12.2198


138.5974,
142.9977, 139.3849

 8.3376, 8.3432,
6.7692

172.6705,
178.3994, 175.2897

 4.3653, 4.3153,
3.2419

211.9148,
219.2091, 216.8846

 1.9108, 1.8515,
1.2195

256.6958,

 0.5831, 0.5189,

265.8111, 264.5883

0.0000

307.3788,
318.5899, 318.8193

0.0000, 0.0000,
0.0000

46.7113, 47.7826,
44.2971

46.7113, 47.7826,
44.2971

42.8030, 42.7058,
34.5471

51.0858, 53.3449,
55.5784

39.3403, 38.0945,
26.2585

55.9384, 59.3995,
68.4508

36.3065, 33.9364,
19.3604

61.2856, 65.9608,
82.9744

33.6824, 30.2163,
13.7748

67.1415, 73.0411,
99.2053

31.4472, 26.9182,
9.4159

71.4411, 79.8202,
106.2492

■ 29.5778, 24.0245,
6.1872

■ 74.8078, 86.5536,
107.3715

■ 28.0480, 21.5162,
3.9780

■ 76.8362, 90.6105,
108.0476

■ 26.8272, 19.3720,
2.6541

■ 26.2319, 18.2817,
2.1462

Harmonies

Analogous

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



47.9972, 47.7826, 46.9809



46.7113, 47.7826, 44.2971



45.1054, 47.7826, 43.6304

Triad

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



46.7113, 47.7826, 44.2971



42.3807, 47.7826, 52.9235



47.2627, 47.7826, 59.6265

Complementary

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



46.7113, 47.7826, 44.2971



43.7891, 47.1634, 59.6195

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.



45.7278, 47.7826, 61.4375



46.7113, 47.7826, 44.2971



42.9289, 47.7826, 57.4224

Square

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



46.7113, 47.7826, 44.2971



42.6299, 47.7826, 48.4379



44.1447, 47.7826, 60.6079



48.3208, 47.7826, 55.7895

Rectangle

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



46.7113, 47.7826, 44.2971



44.0748, 47.7826, 44.3827



44.1447, 47.7826, 60.6079



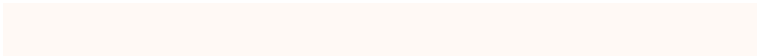
46.7840, 47.7826, 60.5025

Sweetspot

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



46.7126, 47.7847, 44.2981



91.6200, 95.6985, 99.8690



46.0068, 43.7638, 52.1067



19.4758, 20.3138, 21.0238



0.0000, 0.0000, 0.0000



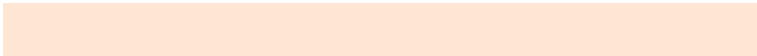
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7126, 47.7847, 44.2981



81.4415, 82.7198, 73.7302



49.6285, 53.6165, 45.2701



11.0015, 11.3721, 11.1780



17.3331, 12.1834, 1.4381



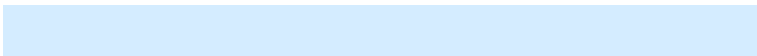
0.8923, 0.7200, 0.0919

Inverse Universe

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



43.7891, 47.1634, 59.6195



75.2160, 81.3959, 106.3544



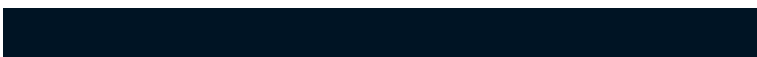
41.0668, 41.7188, 58.7120



10.5512, 11.2765, 13.5380



10.5640, 10.5219, 36.2185



0.5711, 0.6399, 1.7386

Previews

White Background



This preview shows how the XYZ color 46.7113, 47.7826, 44.2971 looks on a white background.

Color Contrast Check

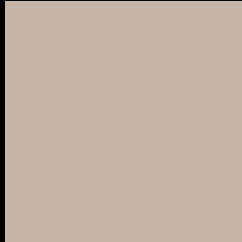
Large Text (above 18pt) WCAG AA × Fail

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 46.7113, 47.7826, 44.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

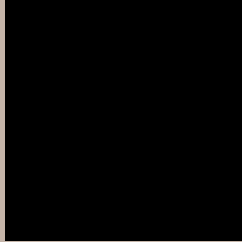
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7113, 47.7826, 44.2971

Background



This preview shows how black text looks on a background with the XYZ color 46.7113, 47.7826, 44.2971.



This preview shows how white text looks on a background with the XYZ color 46.7113, 47.7826,

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

46.7113, 47.7826, 44.2971

Protanopia

45.4244, 47.7164, 44.8463

Deuteranopia

48.7100, 47.6120, 44.6529



Tritanopia

49.2542, 47.9259, 56.5238

Trichromacy



Original Color

46.7113, 47.7826, 44.2971

Protanomaly

45.9760, 47.6956, 44.8132

Deuteranomaly

47.8047, 47.4396, 44.6674

Tritanomaly

48.3250, 47.8430, 52.0350

Monochromacy



Original Color

46.7113, 47.7826, 44.2971

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0564, 47.9405, 49.4738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7113, 47.7826, 44.2971 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, 181, 169)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 169)  
}
```

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, 181, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 169) }
```

Border

The CSS property to change the border of an element to XYZ 46.7113, 47.7826, 44.2971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

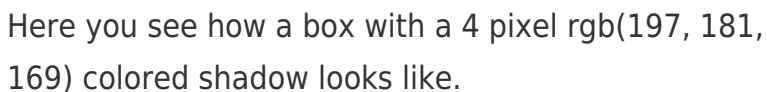
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 181, 169) }
```


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

```
.border{ border-color:rgb(197, 181, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 181, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 181, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 181, 169); box-shadow:4px 4px 4px 4px rgb(197, 181, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7113, 47.7826, 44.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 169) }
```

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

```
.background{ background-color: rgb(197,  
181, 169) }
```

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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