

Converting Colors

XYZ(42.5394, 47.5781, 44.8097)

Have a look what the booklet for
XYZ(42.5394, 47.5781, 44.8097)
contains.

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Color

**XYZ(42.4816, 47.4416,
44.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBBAA
RGB	174, 187, 170
RGB Percent	68%, 73%, 67%
CMY	0.3176, 0.2666, 0.3333
CMYK	0.07, 0.00, 0.09, 0.27
HSL	106°, 11%, 70%
HSV	106°, 9%, 73%
XYZ	42.4816, 47.4416, 44.9483
YIQ	181.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

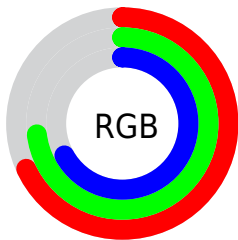
Format	Color
RYB	170, 187, 183
Decimal	11451306
CIELab	74.47, -7.67, 7.07
CIELCh	74, 10.433, 137.361
Yxy	47.4416, 0.3150, 0.3518
Android (android.graphics.Color)	4289641386 (0xFFFAEBBAA)
YUV	181.1750, -5.5093, -6.2925
Hunter-Lab	68.8779, -10.4433, 9.5230

Details

The XYZ color **42.4816, 47.4416, 44.9483** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.8746, 42.4058, 52.9416**, and the grayscale version is **44.0465, 46.3404, 50.4646**.

A 20% lighter version of the original color is **78.2743, 86.3604, 83.7779**, and **19.8212, 22.4958, 20.4370** is the 20% darker color. If you saturate the color by 10%, you get **37.8189, 45.2293, 36.1433**, and if you desaturate by 10%, it is **47.7379, 49.9335, 55.0966**.

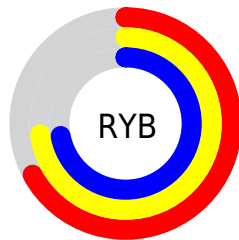
Distribution



Red (68%)

Green (73%)

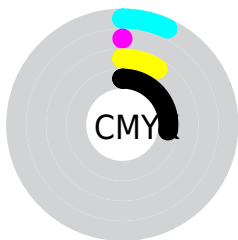
Blue (67%)



Red (67%)

Yellow (73%)

Blue (72%)

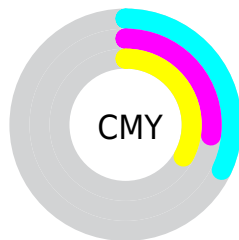


Cyan (7%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (32%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4816, 47.4416, 44.9483 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 42.4816, 47.4416, 44.9483 by changing the saturation by 10% instead.


 42.4816, 47.4416,
44.9483

 42.4816, 47.4416,
44.9483


347.4332,
376.5745, 382.7182

 29.6713, 33.3849,
31.0741


 78.1886, 86.3724,
83.9605

 19.7361, 22.4215,
20.3963


101.8160,
112.0153, 109.9354

 12.3105, 14.1669,
12.4965

129.7799,
142.2891, 140.7811

 7.0292, 8.2368,
6.9561

162.4456,
177.5781, 176.9159

 3.5269, 4.2469,
3.3567

200.1784,
218.2667, 218.7585

 1.4381, 1.8126,
1.2795

243.3437,

 0.2831, 0.4950,

264.7394, 266.7274

0.0449

292.3069,
317.3805, 321.2411

■ 0.0000, 0.0000,
0.0000

■ 42.4816, 47.4416,
44.9483

■ 42.4816, 47.4416,
44.9483

■ 37.8189, 45.2293,
36.1433

■ 47.7379, 49.9335,
55.0966

■ 33.7248, 43.2810,
28.6224

■ 53.6038, 52.7081,
66.6381

■ 30.1780, 41.5882,
22.3266

■ 60.0999, 55.7763,
79.6237

■ 27.1546, 40.1402,
17.1907

■ 67.2443, 59.1463,
94.1009

■ 24.6289, 38.9251,
13.1440

■ 73.6548, 62.2664,
102.7443

■ 22.5727, 37.9301,
10.1077

■ 77.0612, 64.0225,
102.9037

■ 20.9548, 37.1412,
7.9925

■ 19.7400, 36.5424,
6.6935

■ 18.8755, 36.1107,
6.0240

Harmonies

Analogous

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



44.0206, 47.4416, 42.3814



42.4816, 47.4416, 44.9483



41.6519, 47.4416, 49.4209

Triad

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



42.4816, 47.4416, 44.9483



44.3045, 47.4416, 62.4437



48.6349, 47.4416, 48.6245

Complementary

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



42.4816, 47.4416, 44.9483



42.8746, 42.4058, 52.9416

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.



48.7161, 47.4416, 53.9571



42.4816, 47.4416, 44.9483



46.1803, 47.4416, 62.1932

Square

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



42.4816, 47.4416, 44.9483



42.6845, 47.4416, 59.6617



47.8068, 47.4416, 58.9995



47.5880, 47.4416, 44.4003

Rectangle

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



42.4816, 47.4416, 44.9483



41.5970, 47.4416, 52.9951



47.8068, 47.4416, 58.9995



48.7771, 47.4416, 50.3393

Sweetspot

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



42.4829, 47.4436, 44.9493



81.6418, 87.6019, 91.1899



44.6331, 47.2331, 44.7954



17.8099, 19.2114, 19.7549



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.4829, 47.4436, 44.9493



74.2547, 84.0998, 77.0159



42.0137, 47.1545, 47.0608



9.6133, 10.7550, 10.1459



13.0138, 24.8847, 4.1173



0.5697, 1.0057, 0.1641

Inverse Universe

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



42.8746, 42.4058, 52.9416



75.1046, 73.1638, 94.3650



43.3912, 42.7240, 50.6250



9.7046, 9.5801, 12.0099



14.0524, 6.5304, 32.9127



0.6047, 0.2838, 1.2918

Previews

White Background



This preview shows how the XYZ color 42.4816, 47.4416, 44.9483 looks on a white background.

Color Contrast Check

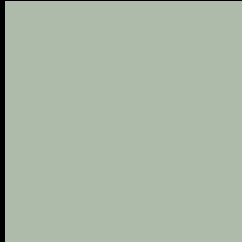
Large Text (above 18pt) WCAG AA × Fail

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 42.4816, 47.4416, 44.9483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

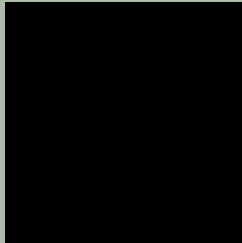
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4816, 47.4416, 44.9483

Background



This preview shows how black text looks on a background with the XYZ color 42.4816, 47.4416, 44.9483.



This preview shows how white text looks on a background with the XYZ color 42.4816, 47.4416,

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

42.4816, 47.4416, 44.9483

Protanopia

45.0310, 47.2302, 43.7887

Deuteranopia

48.3454, 47.4020, 45.6311



Tritanopia

45.3716, 47.3632, 59.5740

Trichromacy



Original Color

42.4816, 47.4416, 44.9483

Protanomaly

44.0691, 47.3359, 44.3502

Deuteranomaly

46.1227, 47.4574, 45.2573

Tritanomaly

44.2416, 47.2159, 53.7955

Monochromacy



Original Color

42.4816, 47.4416, 44.9483

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.2294, 46.5063, 48.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4816, 47.4416, 44.9483 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(174, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 187, 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(174, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 187, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.4816, 47.4416, 44.9483 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(174, 187, 170) }
```


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

```
.border{ border-color:rgb(174, 187, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 187, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(174, 187,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4816, 47.4416, 44.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 187, 170) }
```

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

```
.background{ background-color: rgb(174,  
187, 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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