

Converting Colors

XYZ(42.5790, 47.2315, 44.6040)

Have a look what the booklet for
XYZ(42.5790, 47.2315, 44.6040)
contains.

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Color

**XYZ(42.3995, 47.0963,
44.3919)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AFBAA9 |
| RGB | 175, 186, 169 |
| RGB Percent | 69%, 73%, 66% |
| CMY | 0.3137, 0.2706, 0.3372 |
| CMYK | 0.06, 0.00, 0.09, 0.27 |
| HSL | 99°, 11%, 70% |
| HSV | 99°, 9%, 73% |
| XYZ | 42.3995, 47.0963, 44.3919 |
| YIQ | 180.7730, -1.0990, -7.6190 |

Conversions

Conversions Part 2

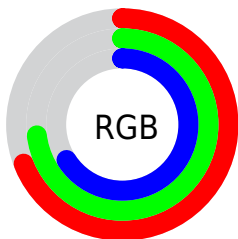
| Format | Color |
|-------------------------------------|---|
| RYB | 169, 186, 180 |
| Decimal | 11516585 |
| CIELab | 74.25, -6.97, 7.30 |
| CIELCh | 74, 10.098, 133.668 |
| Yxy | 47.0963, 0.3167, 0.3518 |
| Android (android.graphics.Color) | 4289706665 (0xFFAFBAA9) |
| YUV | 180.7730, -5.8041, -5.0629 |
| Hunter-Lab | 68.6267, -9.8146, 9.6864 |

Details

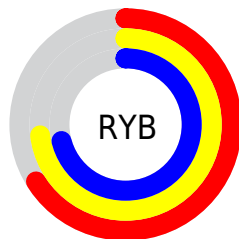
The XYZ color **42.3995, 47.0963, 44.3919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.8751, 41.6257, 52.2843**, and the grayscale version is **43.8302, 46.1128, 50.2168**.

A 20% lighter version of the original color is **78.1617, 85.8750, 82.9770**, and **19.7668, 22.2704, 20.0864** is the 20% darker color. If you saturate the color by 10%, you get **38.1940, 45.1173, 35.7192**, and if you desaturate by 10%, it is **47.0969, 49.3029, 54.3864**.

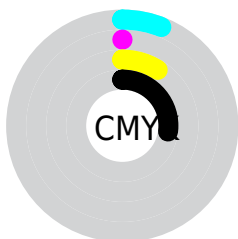
Distribution



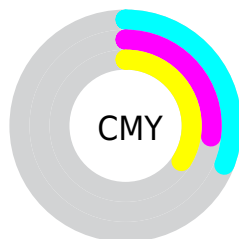
- Red (69%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3995, 47.0963, 44.3919 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 42.3995, 47.0963, 44.3919 by changing the saturation by 10% instead.

■ 42.3995, 47.0963,
44.3919

■ 42.3995, 47.0963,
44.3919

347.0999,
375.1988, 380.3932

■ 29.6067, 33.1118,
30.6393

■ 78.0653, 85.8574,
83.1159

■ 19.6868, 22.2121,
20.0682

101.6690,
111.4027, 108.9243

■ 12.2746, 14.0128,
12.2600

129.6070,
141.5704, 139.5884

■ 7.0045, 8.1296,
6.7963

162.2448,
176.7449, 175.5268

■ 3.5113, 4.1780,
3.2586

199.9476,
217.3106, 217.1579

■ 1.4295, 1.7736,
1.2281

243.0808,

■ 0.2771, 0.4706,

263.6519, 264.9003

0.0018

292.0098,
316.1532, 319.1725

0.0000, 0.0000,
0.0000

42.3995, 47.0963,
44.3919

42.3995, 47.0963,
44.3919

38.1940, 45.1173,
35.7192

47.0969, 49.3029,
54.3864

34.4599, 43.3524,
28.3099

52.2982, 51.7381,
65.7515

31.1808, 41.7959,
22.1059

58.0197, 54.4106,
78.5374

28.3376, 40.4393,
17.0433

64.2760, 57.3268,
92.7910

25.9103, 39.2737,
13.0523

69.9324, 60.0336,
102.5095

■ 23.8764, 38.2895,
10.0555

■ 74.0466, 62.1545,
102.7021

■ 22.2116, 37.4758,
7.9649

■ 76.8498, 63.5996,
102.8333

■ 20.8877, 36.8204,
6.6773

■ 19.8605, 36.3047,
6.0066

Harmonies

Analogous

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



43.9449, 47.0963, 42.1778



42.3995, 47.0963, 44.3919



41.5009, 47.0963, 48.5234

Triad

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



42.3995, 47.0963, 44.3919



43.7905, 47.0963, 61.4697



48.2370, 47.0963, 48.9568

Complementary

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



42.3995, 47.0963, 44.3919



41.8751, 41.6257, 52.2843

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.



48.1930, 47.0963, 54.1388



42.3995, 47.0963, 44.3919



45.5924, 47.0963, 61.6053

Square

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



42.3995, 47.0963, 44.3919



42.2891, 47.0963, 58.4869



47.2140, 47.0963, 58.8458



47.3329, 47.0963, 44.6907

Rectangle

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



42.3995, 47.0963, 44.3919



41.3741, 47.0963, 51.9212



47.2140, 47.0963, 58.8458



48.3334, 47.0963, 50.6438

Sweetspot

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



42.4008, 47.0983, 44.3929



81.9274, 87.7491, 91.2032



43.6872, 45.8540, 44.0849



17.8889, 19.2521, 19.7586



90.7827, 95.5105, 104.0109



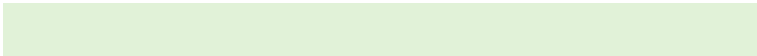
18.6292, 19.5994, 21.3438

Same Dimension

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



42.4008, 47.0983, 44.3929



75.2229, 84.5989, 77.0612



41.2986, 46.5053, 45.4621



9.1813, 10.2101, 9.5937



13.3824, 24.4352, 4.0111



0.5403, 0.8968, 0.1446

Inverse Universe

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



41.8751, 41.6257, 52.2843



74.0732, 72.6321, 94.3167



43.0632, 42.2658, 51.0916



9.0651, 8.9999, 11.3388



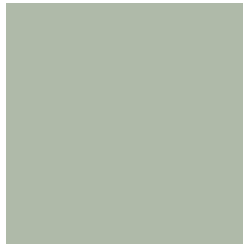
11.2919, 5.1324, 31.6486



0.4625, 0.2142, 1.1187

Previews

White Background



This preview shows how the XYZ color 42.3995, 47.0963, 44.3919 looks on a white background.

Color Contrast Check

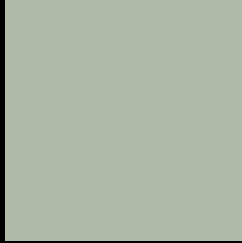
Large Text (above 18pt) WCAG AA × Fail

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 42.3995, 47.0963, 44.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

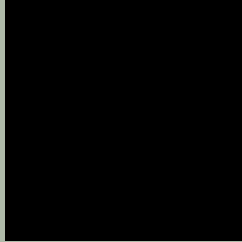
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

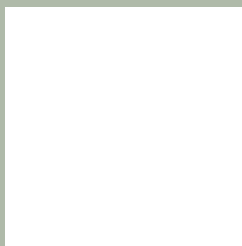
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3995, 47.0963, 44.3919

Background



This preview shows how black text looks on a background with the XYZ color 42.3995, 47.0963, 44.3919.



This preview shows how white text looks on a background with the XYZ color 42.3995, 47.0963,

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

42.3995, 47.0963, 44.3919

Protanopia

44.6893, 47.0647, 43.2882

Deuteranopia

47.7779, 46.8283, 45.0487



Tritanopia

45.2822, 47.0251, 58.9147

Trichromacy



Original Color

42.3995, 47.0963, 44.3919

Protanomaly

43.7685, 46.8845, 43.7885

Deuteranomaly

45.5693, 46.8823, 44.6776

Tritanomaly

44.1565, 46.8771, 53.1753

Monochromacy



Original Color

42.3995, 47.0963, 44.3919

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4597, 46.6250, 48.3039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3995, 47.0963, 44.3919 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(175, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 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(175, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.3995, 47.0963, 44.3919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

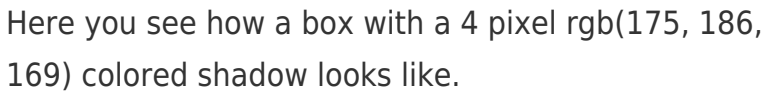
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 186, 169) }
```


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

```
.border{ border-color:rgb(175, 186, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 186, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 186, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 186, 169); box-shadow:4px 4px 4px 4px rgb(175, 186, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3995, 47.0963, 44.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 186, 169) }
```

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

```
.background{ background-color: rgb(175,  
186, 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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