

Converting Colors

XYZ(41.9580, 47.0917, 35.8272)

Have a look what the booklet for
XYZ(41.9580, 47.0917, 35.8272)
contains.

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Color

**XYZ(41.8863, 47.0231,
35.7229)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B4BA96 |
| RGB | 180, 186, 150 |
| RGB Percent | 71%, 73%, 59% |
| CMY | 0.2941, 0.2706, 0.4118 |
| CMYK | 0.03, 0.00, 0.19, 0.27 |
| HSL | 70°, 21%, 66% |
| HSV | 70°, 19%, 73% |
| XYZ | 41.8863, 47.0231, 35.7229 |
| YIQ | 180.1020, 7.9800, -12.4680 |

Conversions

Conversions Part 2

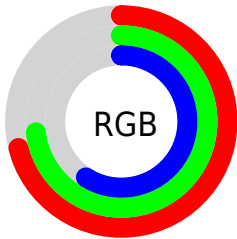
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 150, 186, 156 |
| Decimal | 11844246 |
| CIE Lab | 74.20, -8.32, 17.58 |
| CIE LCh | 74, 19.453, 115.317 |
| Yxy | 47.0231, 0.3361, 0.3773 |
| Android (android.graphics.Color) | 4290034326 (0xFFB4BA96) |
| YUV | 180.1020, -14.8403, -0.0895 |
| Hunter-Lab | 68.5734, -10.9713, 17.1146 |

Details

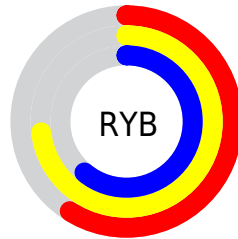
The XYZ color **41.8863, 47.0231, 35.7229** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4814, 32.4271, 50.9513**, and the grayscale version is **43.5124, 45.7784, 49.8527**.

A 20% lighter version of the original color is **77.2433, 85.6968, 69.5967**, and **19.3921, 22.1879, 15.0650** is the 20% darker color. If you saturate the color by 10%, you get **39.7922, 46.1046, 28.4174**, and if you desaturate by 10%, it is **44.2368, 48.0492, 44.2835**.

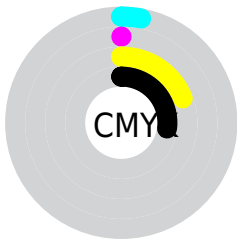
Distribution



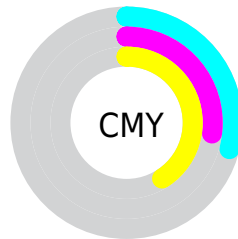
- Red (71%)
- Green (73%)
- Blue (59%)



- Red (59%)
- Yellow (73%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8863, 47.0231, 35.7229 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 41.8863, 47.0231, 35.7229 by changing the saturation by 10% instead.

■ 41.8863, 47.0231,
35.7229

■ 41.8863, 47.0231,
35.7229

345.0110,
374.9067, 342.7485

■ 29.2030, 33.0539,
23.9323

■ 77.2938, 85.7481,
69.7684

■ 19.3795, 22.1678,
15.0716

■ 100.7486,
111.2727, 92.8603

■ 12.0504, 13.9802,
8.7225

128.5247,
141.4179, 120.5564

■ 6.8505, 8.1069,
4.4663

160.9874,
176.5681, 153.2752

■ 3.4143, 4.1634,
1.8845

198.5020,
217.1077, 191.4353

■ 1.3764, 1.7654,
0.4828

241.4339,

■ 0.2393, 0.4655,

263.4211, 235.4552

0.0000

290.1485,
315.8926, 285.7534

■ 0.0000, 0.0000,
0.0000

■ 41.8863, 47.0231,
35.7229

■ 41.8863, 47.0231,
35.7229

■ 39.7922, 46.1046,
28.4174

■ 44.2368, 48.0492,
44.2835

■ 37.9396, 45.2829,
22.3049

■ 46.8506, 49.1810,
54.1511

■ 36.3174, 44.5552,
17.3227

■ 49.7389, 50.4244,
65.3785

■ 34.9124, 43.9162,
13.4014

■ 52.9110, 51.7833,
78.0147

■ 33.7097, 43.3600,
10.4634

■ 56.3759, 53.2612,
92.1063

■ 32.6927, 42.8798,
8.4212

■ 59.0603, 54.4289,
102.0008

■ 31.8414, 42.4678,
7.1713

■ 59.8897, 54.8564,
102.0396

■ 31.1196, 42.1093,
6.5221

■ 60.7360, 55.2927,
102.0792

■ 31.0746, 42.0869,
6.4858

■ 61.5992, 55.7377,
102.1196

Harmonies

Analogous

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



45.2439, 47.0231, 34.3400



41.8863, 47.0231, 35.7229



39.4015, 47.0231, 41.0275

Triad

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



41.8863, 47.0231, 35.7229



40.9845, 47.0231, 68.6792



51.7189, 47.0231, 52.7847

Complementary

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



41.8863, 47.0231, 35.7229



33.4814, 32.4271, 50.9513

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.



50.4405, 47.0231, 62.9290



41.8863, 47.0231, 35.7229



44.1486, 47.0231, 72.8343

Square

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



41.8863, 47.0231, 35.7229



38.9002, 47.0231, 59.8631



47.6245, 47.0231, 70.6046



51.0364, 47.0231, 43.4161

Rectangle

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



41.8863, 47.0231, 35.7229



38.5138, 47.0231, 46.4833



47.6245, 47.0231, 70.6046



51.5024, 47.0231, 56.2258

Sweetspot

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



41.8875, 47.0252, 35.7239



81.6668, 87.7336, 85.8215



37.6448, 36.4194, 33.9004



17.9176, 19.2914, 18.6488



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.



41.8875, 47.0252, 35.7239



74.3369, 84.5377, 59.1512



37.9659, 45.0035, 35.5404



9.5992, 10.4255, 9.6133



20.9592, 28.3412, 4.3657



0.7784, 1.0195, 0.1558

Inverse Universe

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



33.4814, 32.4271, 50.9513



56.4552, 53.4807, 91.5487



37.2264, 34.3577, 51.1266



8.6570, 8.7895, 11.3197



6.3872, 2.6039, 31.4190



0.2688, 0.1143, 1.1096

Previews

White Background



This preview shows how the XYZ color 41.8863, 47.0231, 35.7229 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 41.8863, 47.0231, 35.7229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

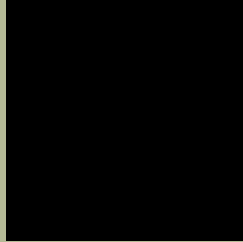
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

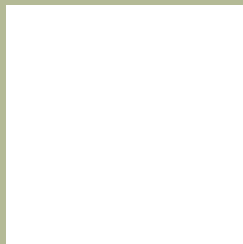
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8863, 47.0231, 35.7229

Background



This preview shows how black text looks on a background with the XYZ color 41.8863, 47.0231, 35.7229.



This preview shows how white text looks on a background with the XYZ color 41.8863, 47.0231,

35.7229.

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

41.8863, 47.0231, 35.7229

Protanopia

44.0656, 46.9315, 34.7531

Deuteranopia

47.5758, 46.6286, 36.1985



Tritanopia

46.3086, 46.9767, 57.6656

Trichromacy



Original Color

41.8863, 47.0231, 35.7229

Protanomaly

43.0973, 46.7283, 35.1818

Deuteranomaly

45.2592, 46.6167, 35.8907

Tritanomaly

44.5310, 46.8606, 48.8174

Monochromacy



Original Color

41.8863, 47.0231, 35.7229

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7118, 46.0238, 44.1684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8863, 47.0231, 35.7229 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(180, 186, 150)` looks like.

```
.text, #text, p{  
    color:rgb(180, 186, 150)  
}
```

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(180, 186, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 186, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.8863, 47.0231, 35.7229 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(180, 186, 150) }
```


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

```
.border{ border-color:rgb(180, 186, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 186, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 186, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 186, 150);  
box-shadow:4px 4px 4px 4px rgb(180, 186,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8863, 47.0231, 35.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 186, 150) }
```

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

```
.background{ background-color: rgb(180,  
186, 150) }
```

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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