

Converting Colors

XYZ(41.7016, 46.3067, 35.5943)

Have a look what the booklet for
XYZ(41.7016, 46.3067, 35.5943)
contains.

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Color

**XYZ(41.7016, 46.3067,
35.5943)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B5B896 |
| RGB | 181, 184, 150 |
| RGB Percent | 71%, 72%, 59% |
| CMY | 0.2902, 0.2784, 0.4118 |
| CMYK | 0.02, 0.00, 0.18, 0.28 |
| HSL | 65°, 19%, 65% |
| HSV | 65°, 18%, 72% |
| XYZ | 41.7016, 46.3067, 35.5943 |
| YIQ | 179.2270, 9.1260, -11.2100 |

Conversions

Conversions Part 2

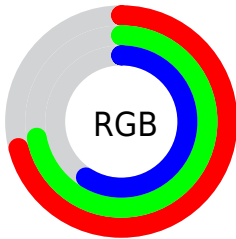
| Format | Color |
|-------------------------------------|---|
| RYB | 150, 184, 153 |
| Decimal | 11909270 |
| CIELab | 73.74, -6.89, 16.96 |
| CIELCh | 74, 18.304, 112.126 |
| Yxy | 46.3067, 0.3374, 0.3746 |
| Android (android.graphics.Color) | 4290099350 (0xFFB5B896) |
| YUV | 179.2270, -14.4089, 1.5549 |
| Hunter-Lab | 68.0490, -9.6980, 16.6216 |

Details

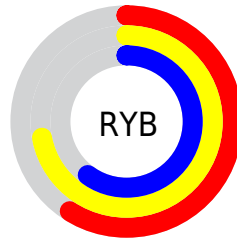
The XYZ color **41.7016, 46.3067, 35.5943** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.6966, 32.0468, 49.8122**, and the grayscale version is **43.0409, 45.2823, 49.3125**.

A 20% lighter version of the original color is **76.9842, 84.6843, 69.4149**, and **19.2705, 21.7226, 14.9816** is the 20% darker color. If you saturate the color by 10%, you get **39.9564, 45.5664, 28.3762**, and if you desaturate by 10%, it is **43.6865, 47.1465, 44.0401**.

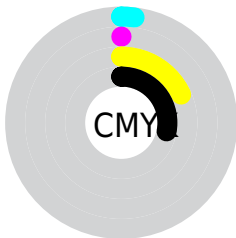
Distribution



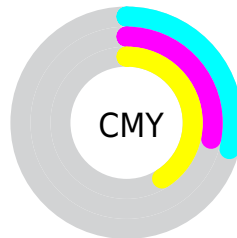
- Red (71%)
- Green (72%)
- Blue (59%)



- Red (59%)
- Yellow (72%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)





- Cyan (29%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7016, 46.3067, 35.5943 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 41.7016, 46.3067, 35.5943 by changing the saturation by 10% instead.


 41.7016, 46.3067,
35.5943


 41.7016, 46.3067,
35.5943


344.2572,
372.0403, 342.1674

 29.0578, 32.4879,
23.8338


 77.0158, 84.6778,
69.5674

 19.2690, 21.7344,
14.9993


 100.4169,
109.9989, 92.6171

 11.9700, 13.6619,
8.6723


128.1345,
139.9229, 120.2669

 6.7953, 7.8859,
4.4342

160.5340,
174.8343, 152.9355

 3.3796, 4.0220,
1.8664

197.9806,
215.1173, 191.0413

 1.3575, 1.6859,
0.4712

240.8398,

 0.2257, 0.4145,

261.1563, 235.0028

0.0000

289.4768,
313.3359, 285.2387

■ 0.0000, 0.0000,
0.0000

■ 41.7016, 46.3067,
35.5943

■ 41.7016, 46.3067,
35.5943

■ 39.9564, 45.5664,
28.3762

■ 43.6865, 47.1465,
44.0401

■ 38.4362, 44.9151,
22.3257

■ 45.9174, 48.0837,
53.7638

■ 37.1307, 44.3501,
17.3823

■ 48.4052, 49.1241,
64.8167

■ 36.0270, 43.8664,
13.4788

■ 51.1588, 50.2714,
77.2462

■ 35.1109, 43.4582,
10.5406

■ 54.1869, 51.5290,
91.0974

■ 34.3665, 43.1192,
8.4834

■ 56.6152, 52.5472,
101.7664

■ 33.7749, 42.8419,
7.2083

■ 57.0255, 52.7587,
101.7856

■ 33.3048, 42.6136,
6.5502

■ 57.4404, 52.9726,
101.8050

■ 33.2369, 42.5804,
6.4671

■ 57.8599, 53.1889,
101.8247

Harmonies

Analogous

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



44.8747, 46.3067, 34.6911



41.7016, 46.3067, 35.5943



39.2632, 46.3067, 40.2132

Triad

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



41.7016, 46.3067, 35.5943



40.2877, 46.3067, 65.9046



50.4968, 46.3067, 52.9115

Complementary

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



41.7016, 46.3067, 35.5943



32.6966, 32.0468, 49.8122

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.



49.1315, 46.3067, 62.2228



41.7016, 46.3067, 35.5943



43.1627, 46.3067, 70.3032

Square

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



41.7016, 46.3067, 35.5943



38.4753, 46.3067, 57.4643



46.4085, 46.3067, 68.8789



50.0584, 46.3067, 43.9765

Rectangle

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



41.7016, 46.3067, 35.5943



38.3305, 46.3067, 45.1250



46.4085, 46.3067, 68.8789



50.2313, 46.3067, 56.1141

Sweetspot

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



41.7028, 46.3087, 35.5953



80.1102, 85.8489, 83.8101



36.6376, 35.1215, 33.7029



17.2158, 18.4844, 17.8327



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.7028, 46.3087, 35.5953



74.3127, 83.3994, 59.1756



37.9914, 44.3954, 35.4216



9.6699, 10.4620, 9.6166



22.9359, 29.3602, 4.4582



0.8316, 1.0469, 0.1582

Inverse Universe

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



32.6966, 32.0468, 49.8122



55.0899, 52.9571, 89.5228



36.1010, 33.8019, 49.9715



8.5927, 8.7564, 11.3167



6.1398, 2.4764, 31.4075



0.2412, 0.1001, 1.1083

Previews

White Background



This preview shows how the XYZ color 41.7016, 46.3067, 35.5943 looks on a white background.

Color Contrast Check

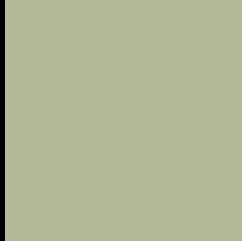
Large Text (above 18pt) WCAG AA × Fail

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 41.7016, 46.3067, 35.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

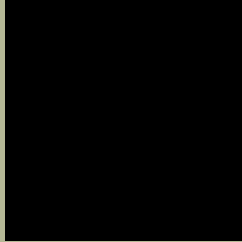
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

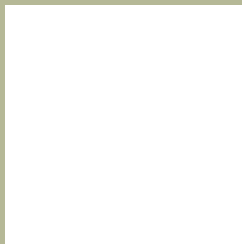
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7016, 46.3067, 35.5943

Background



This preview shows how black text looks on a background with the XYZ color 41.7016, 46.3067, 35.5943.



This preview shows how white text looks on a background with the XYZ color 41.7016, 46.3067,

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

41.7016, 46.3067, 35.5943

Protanopia

43.6074, 46.3923, 34.6732

Deuteranopia

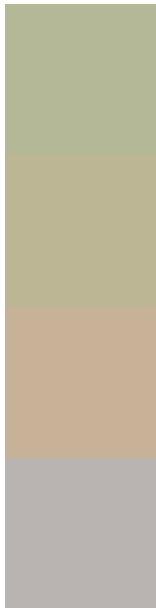
47.0980, 46.0944, 36.1205



Tritanopia

45.9283, 46.2114, 56.3682

Trichromacy



Original Color

41.7016, 46.3067, 35.5943

Protanomaly

42.8918, 46.3172, 35.1132

Deuteranomaly

45.0595, 46.2173, 35.8241

Tritanomaly

44.2647, 46.1311, 48.1662

Monochromacy



Original Color

41.7016, 46.3067, 35.5943

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4141, 45.5782, 43.6078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7016, 46.3067, 35.5943 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(181, 184, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 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(181, 184, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.7016, 46.3067, 35.5943 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(181, 184, 150) }
```


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

```
.border{ border-color:rgb(181, 184, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7016, 46.3067, 35.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 150) }
```

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

```
.background{ background-color: rgb(181,  
184, 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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