

Converting Colors

XYZ(40.9013, 43.5685, 31.8450)

Have a look what the booklet for
XYZ(40.9013, 43.5685, 31.8450)
contains.

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Color

**XYZ(40.9013, 43.5685,
31.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB08E
RGB	187, 176, 142
RGB Percent	73%, 69%, 56%
CMY	0.2667, 0.3098, 0.4431
CMYK	0.00, 0.06, 0.24, 0.27
HSL	45°, 25%, 65%
HSV	45°, 24%, 73%
XYZ	40.9013, 43.5685, 31.8450
YIQ	175.4130, 17.4700, -8.2420

Conversions

Conversions Part 2

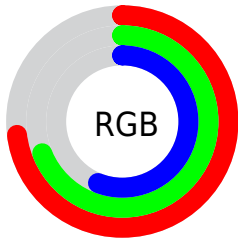
Format	Color
RYB	157, 187, 142
Decimal	12300430
CIELab	71.94, -1.56, 18.86
CIELCh	72, 18.927, 94.729
Yxy	43.5685, 0.3516, 0.3746
Android (android.graphics.Color)	4290490510 (0xFFBBB08E)
YUV	175.4130, -16.4726, 10.1618
Hunter-Lab	66.0064, -4.9026, 17.5999

Details

The XYZ color **40.9013, 43.5685, 31.8450** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5159, 32.1201, 51.5525**, and the grayscale version is **41.0390, 43.1762, 47.0189**.

A 20% lighter version of the original color is **76.1286, 80.9318, 63.8336**, and **18.8123, 20.1746, 13.0278** is the 20% darker color. If you saturate the color by 10%, you get **38.7329, 41.2931, 24.7669**, and if you desaturate by 10%, it is **43.3377, 46.0023, 40.1756**.

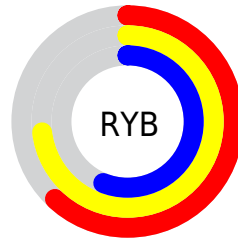
Distribution



Red (73%)

Green (69%)

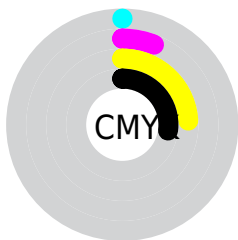
Blue (56%)



Red (62%)

Yellow (73%)

Blue (56%)

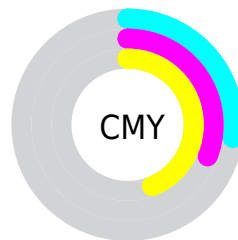


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9013, 43.5685, 31.8450 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 40.9013, 43.5685, 31.8450 by changing the saturation by 10% instead.

■ 40.9013, 43.5685,
31.8450

■ 40.9013, 43.5685,
31.8450

340.9776,
360.9445, 324.8835

■ 28.4293, 30.3314,
20.9793

■ 75.8097, 80.5680,
63.6631

■ 18.7916, 20.0903,
12.9178

■ 98.9768, 105.0993,
85.4526

■ 11.6229, 12.4607,
7.2419

■ 126.4397,
134.1641, 111.7204

■ 6.5578, 7.0582,
3.5331

158.5636,
168.1468, 142.8851

■ 3.2310, 3.4986,
1.3729

195.7140,
207.4318, 179.3652

■ 1.2771, 1.3972,
0.1204

238.2563,

■ 0.1660, 0.2147,

252.4035, 221.5793

0.0000

286.5556,
303.4462, 269.9459

■ 0.0000, 0.0000,
0.0000

■ 40.9013, 43.5685,
31.8450

■ 40.9013, 43.5685,
31.8450

■ 38.7329, 41.2931,
24.7669

■ 43.3377, 46.0023,
40.1756

■ 36.8172, 39.1651,
18.8766

■ 46.0499, 48.5937,
49.8135

■ 35.1420, 37.1806,
14.1077

■ 49.0496, 51.3492,
60.8137

■ 33.6932, 35.3335,
10.3862

■ 52.3467, 54.2734,
73.2272

■ 32.4547, 33.6169,
7.6290

■ 55.9507, 57.3703,
87.1023

■ 31.4080, 32.0228,
5.7407

■ 59.8705, 60.6441,
102.4852

■ 30.5309, 30.5419,
4.6057

■ 61.0968, 62.8914,
103.5269

■ 30.0639, 29.7055,
4.1492

■ 62.2269, 65.1516,
103.9035

■ 63.3894, 67.4765,
104.2910

Harmonies

Analogous

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



44.1156, 43.5685, 33.1188



40.9013, 43.5685, 31.8450



37.9762, 43.5685, 34.2847

Triad

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



40.9013, 43.5685, 31.8450



36.5188, 43.5685, 58.2962



47.2771, 43.5685, 55.4342

Complementary

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



40.9013, 43.5685, 31.8450



31.5159, 32.1201, 51.5525

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.



45.0459, 43.5685, 63.5885



40.9013, 43.5685, 31.8450



38.8184, 43.5685, 65.3856

Square

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



40.9013, 43.5685, 31.8450



35.5310, 43.5685, 48.9183



41.9240, 43.5685, 67.4376



47.9053, 43.5685, 45.9892

Rectangle

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



40.9013, 43.5685, 31.8450



36.5498, 43.5685, 37.9017



41.9240, 43.5685, 67.4376



46.6842, 43.5685, 58.4546

Sweetspot

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



40.9024, 43.5705, 31.8459



80.9399, 85.5849, 83.6971



35.9373, 32.2195, 34.5707



17.7588, 18.7850, 18.1972



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.



40.9024, 43.5705, 31.8459



71.0980, 75.7960, 49.9113



40.5010, 46.6948, 32.4701



10.1194, 10.7148, 10.1114



20.7731, 20.5849, 2.8784



0.8619, 0.9028, 0.1288

Inverse Universe

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



31.5159, 32.1201, 51.5525



51.3100, 51.6617, 91.4688



31.8272, 29.7311, 51.0749



9.2008, 9.5939, 12.0391



6.8936, 3.8990, 32.7821



0.3232, 0.2591, 1.3018

Previews

White Background



This preview shows how the XYZ color 40.9013, 43.5685, 31.8450 looks on a white background.

Color Contrast Check

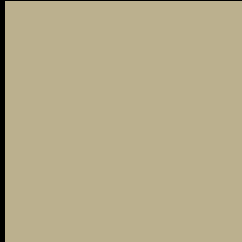
Large Text (above 18pt) WCAG AA × Fail

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 40.9013, 43.5685, 31.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

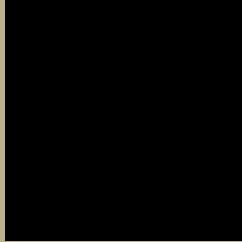
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9013, 43.5685, 31.8450

Background



This preview shows how black text looks on a background with the XYZ color 40.9013, 43.5685, 31.8450.



This preview shows how white text looks on a background with the XYZ color 40.9013, 43.5685,

31.8450.

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

40.9013, 43.5685, 31.8450

Protanopia

40.9013, 43.5685, 31.8450

Deuteranopia

44.3227, 43.3382, 32.0157



Tritanopia

44.7647, 43.4166, 51.3683

Trichromacy



Original Color

40.9013, 43.5685, 31.8450

Protanomaly

40.9013, 43.5685, 31.8450

Deuteranomaly

42.9992, 43.4940, 32.1155

Tritanomaly

43.1492, 43.3168, 43.6229

Monochromacy



Original Color

40.9013, 43.5685, 31.8450

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5312, 42.8880, 40.7923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9013, 43.5685, 31.8450 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(187, 176, 142)` looks like.

```
.text, #text, p{  
    color:rgb(187, 176, 142)  
}
```

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(187, 176, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 176, 142) }
```

Border

The CSS property to change the border of an element to XYZ 40.9013, 43.5685, 31.8450 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(187, 176, 142) }
```


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

```
.border{ border-color:rgb(187, 176, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 176, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 176, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 176, 142);  
box-shadow:4px 4px 4px 4px rgb(187, 176,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9013, 43.5685, 31.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 176, 142) }
```

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

```
.background{ background-color: rgb(187,  
176, 142) }
```

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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