

Converting Colors

XYZ(40.6438, 43.4093, 33.0247)

Have a look what the booklet for
XYZ(40.6438, 43.4093, 33.0247)
contains.

XYZ(40.6438, 43.4093, 33.0247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.6438, 43.4093,
33.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B091
RGB	185, 176, 145
RGB Percent	73%, 69%, 57%
CMY	0.2745, 0.3098, 0.4314
CMYK	0.00, 0.05, 0.22, 0.27
HSL	47°, 22%, 65%
HSV	47°, 22%, 73%
XYZ	40.6438, 43.4093, 33.0247
YIQ	175.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

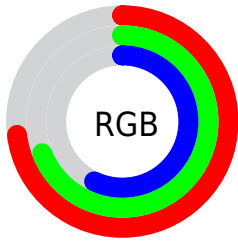
Format	Color
RYB	157, 185, 145
Decimal	12169361
CIELab	71.83, -1.89, 17.06
CIELCh	72, 17.163, 96.329
Yxy	43.4093, 0.3472, 0.3708
Android (android.graphics.Color)	4290359441 (0xFFB9B091)
YUV	175.1570, -14.8674, 8.6323
Hunter-Lab	65.8857, -5.1864, 16.4014

Details

The XYZ color **40.6438, 43.4093, 33.0247** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9895, 32.6330, 50.5121**, and the grayscale version is **40.8988, 43.0288, 46.8583**.

A 20% lighter version of the original color is **75.4410, 80.5375, 65.6020**, and **18.7438, 20.1290, 13.4871** is the 20% darker color. If you saturate the color by 10%, you get **38.5289, 41.2794, 25.8457**, and if you desaturate by 10%, it is **43.0183, 45.6861, 41.4374**.

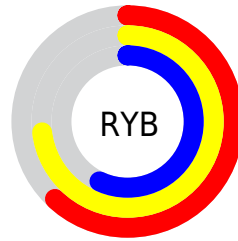
Distribution



Red (73%)

Green (69%)

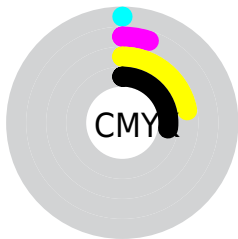
Blue (57%)



Red (62%)

Yellow (73%)

Blue (57%)

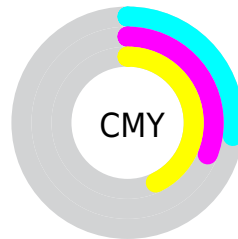


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6438, 43.4093, 33.0247 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 40.6438, 43.4093, 33.0247 by changing the saturation by 10% instead.

■ 40.6438, 43.4093,
33.0247

■ 40.6438, 43.4093,
33.0247

339.9177,
360.2923, 330.3964

■ 28.2273, 30.2064,
21.8741

■ 75.4210, 80.3281,
65.5305

■ 18.6384, 19.9953,
13.5670

■ 98.5124, 104.8129,
87.7229

■ 11.5117, 12.3916,
7.6848

125.8929,
133.8270, 114.4328

■ 6.4820, 7.0110,
3.8091

157.9277,
167.7549, 146.0790

■ 3.1837, 3.4690,
1.5212

194.9822,
206.9810, 183.0799

■ 1.2517, 1.3812,
0.2336

237.4218,

■ 0.1466, 0.2028,

251.8897, 225.8541

0.0000

285.6119,
302.8653, 274.8201

■ 0.0000, 0.0000,
0.0000

■ 40.6438, 43.4093,
33.0247

■ 40.6438, 43.4093,
33.0247

■ 38.5289, 41.2794,
25.8457

■ 43.0183, 45.6861,
41.4374

■ 36.6588, 39.2855,
19.8384

■ 45.6597, 48.1085,
51.1361

■ 35.0222, 37.4244,
14.9397

■ 48.5792, 50.6828,
62.1738

■ 33.6055, 35.6901,
11.0791

■ 51.7863, 53.4133,
74.5994

■ 32.3937, 34.0764,
8.1784

■ 55.2900, 56.3037,
88.4593

■ 31.3696, 32.5760,
6.1479

■ 58.9372, 59.2933,
102.9462

■ 30.5126, 31.1802,
4.8811

■ 59.9202, 61.2592,
103.2738

■ 29.8893, 30.0775,
4.2302

■ 60.9296, 63.2781,
103.6103

■ 61.9657, 65.3503,
103.9557

Harmonies

Analogous

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



43.5534, 43.4093, 34.0221



40.6438, 43.4093, 33.0247



38.0235, 43.4093, 35.4648

Triad

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



40.6438, 43.4093, 33.0247



36.9017, 43.4093, 57.4390



46.6147, 43.4093, 54.0154

Complementary

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



40.6438, 43.4093, 33.0247



31.9895, 32.6330, 50.5121

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.



44.6735, 43.4093, 61.4301



40.6438, 43.4093, 33.0247



39.0471, 43.4093, 63.5640

Square

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



40.6438, 43.4093, 33.0247



35.9297, 43.4093, 49.0590



41.8809, 43.4093, 65.1043



47.0913, 43.4093, 45.5160

Rectangle

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



40.6438, 43.4093, 33.0247



36.7634, 43.4093, 38.9037



41.8809, 43.4093, 65.1043



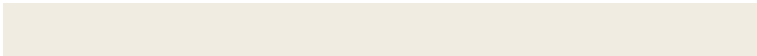
46.1075, 43.4093, 56.7467

Sweetspot

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



40.6449, 43.4112, 33.0256



79.5971, 84.1857, 83.5161



35.9940, 32.9099, 35.1733



17.0937, 18.0884, 17.7627



88.6918, 93.3107, 101.6153



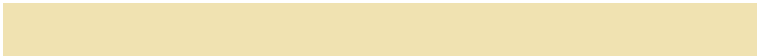
17.8044, 18.7317, 20.3988

Same Dimension

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



40.6449, 43.4112, 33.0256



70.9173, 75.8829, 52.7019



39.9902, 45.7797, 33.5173



9.5743, 10.1515, 9.5617



20.4081, 20.5926, 2.8991



0.7622, 0.8116, 0.1165

Inverse Universe

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



31.9895, 32.6330, 50.5121



52.6183, 53.0989, 89.6804



32.5288, 30.7889, 50.1277



8.6806, 9.0384, 11.3665



6.5633, 3.5862, 31.5994



0.2787, 0.2210, 1.1297

Previews

White Background



This preview shows how the XYZ color 40.6438, 43.4093, 33.0247 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 40.6438, 43.4093, 33.0247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

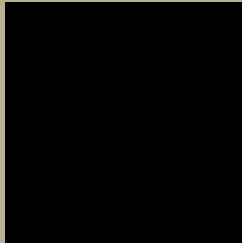
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6438, 43.4093, 33.0247

Background



This preview shows how black text looks on a background with the XYZ color 40.6438, 43.4093, 33.0247.



This preview shows how white text looks on a background with the XYZ color 40.6438, 43.4093,

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

40.6438, 43.4093, 33.0247

Protanopia

40.8859, 43.5341, 33.0361

Deuteranopia

44.0049, 43.1478, 33.2032



Tritanopia

44.4498, 43.5337, 51.4075

Trichromacy



Original Color

40.6438, 43.4093, 33.0247

Protanomaly

40.8859, 43.5341, 33.0361

Deuteranomaly

42.7058, 43.3161, 33.3041

Tritanomaly

42.9383, 43.4808, 44.1597

Monochromacy



Original Color

40.6438, 43.4093, 33.0247

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6212, 42.9240, 41.2661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6438, 43.4093, 33.0247 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(185, 176, 145)` looks like.

```
.text, #text, p{  
    color:rgb(185, 176, 145)  
}
```

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(185, 176, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 176, 145) }
```

Border

The CSS property to change the border of an element to XYZ 40.6438, 43.4093, 33.0247 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(185, 176, 145) }
```


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

```
.border{ border-color:rgb(185, 176, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 176, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 176, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 176, 145);  
box-shadow:4px 4px 4px 4px rgb(185, 176,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6438, 43.4093, 33.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 176, 145) }
```

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

```
.background{ background-color: rgb(185,  
176, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor