

Converting Colors

XYZ(38.9832, 42.7023, 32.9760)

Have a look what the booklet for
XYZ(38.9832, 42.7023, 32.9760)
contains.

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Color

**XYZ(39.1931, 42.9536,
33.0132)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B191
RGB	178, 177, 145
RGB Percent	70%, 69%, 57%
CMY	0.3020, 0.3059, 0.4314
CMYK	0.00, 0.01, 0.19, 0.30
HSL	58°, 18%, 63%
HSV	58°, 19%, 70%
XYZ	39.1931, 42.9536, 33.0132
YIQ	173.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

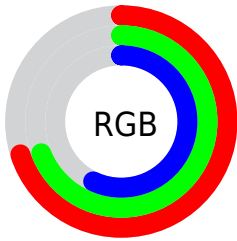
Format	Color
R_{YB}	146, 178, 145
Decimal	11710865
CIE Lab	71.52, -5.10, 16.54
CIE LCh	72, 17.310, 107.131
Yxy	42.9536, 0.3403, 0.3730
Android (android.graphics.Color)	4289900945 (0xFFB2B191)
YUV	173.6510, -14.1249, 3.8141
Hunter-Lab	65.5390, -7.9481, 16.0118

Details

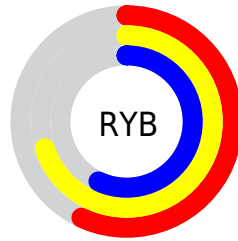
The XYZ color **39.1931, 42.9536, 33.0132** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9918, 29.7913, 46.2894**, and the grayscale version is **40.1203, 42.2096, 45.9663**.

A 20% lighter version of the original color is **73.3794, 79.8938, 65.5864**, and **17.8114, 19.8354, 13.4795** is the 20% darker color. If you saturate the color by 10%, you get **37.8213, 42.2368, 26.3067**, and if you desaturate by 10%, it is **40.7827, 43.7611, 40.8544**.

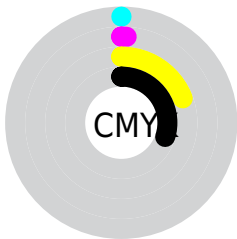
Distribution



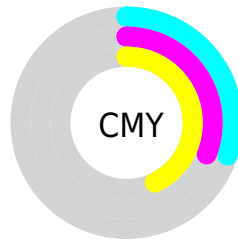
- Red (70%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (70%)
- Blue (57%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (30%)





- Cyan (30%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1931, 42.9536, 33.0132 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 39.1931, 42.9536, 33.0132 by changing the saturation by 10% instead.


 39.1931, 42.9536,
33.0132


 39.1931, 42.9536,
33.0132


333.9038,
358.4209, 330.3430

 27.0914, 29.8487,
21.8654


 73.2254, 79.6408,
65.5124

 17.7788, 19.7238,
13.5606


 95.8867, 103.9920,
87.7008

 10.8900, 12.1944,
7.6805


122.7986,
132.8606, 114.4065

 6.0597, 6.8762,
3.8064

154.3263,
166.6313, 146.0480

 2.9224, 3.3848,
1.5197

190.8354,
205.6882, 183.0439

 1.1129, 1.3358,
0.2326

232.6911,

 0.0358, 0.1687,

250.4159, 225.8127

0.0000

280.2588,
301.1986, 274.7729

■ 0.0000, 0.0000,
0.0000

■ 39.1931, 42.9536,
33.0132

■ 39.1931, 42.9536,
33.0132

■ 37.8213, 42.2368,
26.3067

■ 40.7827, 43.7611,
40.8544

■ 36.6538, 41.6010,
20.6794

■ 42.5961, 44.6572,
49.8767

■ 35.6811, 41.0438,
16.0757

■ 44.6430, 45.6475,
60.1272

■ 34.8914, 40.5604,
12.4335

■ 46.9320, 46.7353,
71.6498

■ 34.2716, 40.1456,
9.6841

■ 49.4708, 47.9237,
84.4860

■ 33.8070, 39.7937,
7.7499

■ 52.2670, 49.2157,
98.6757

■ 33.4804, 39.4975,
6.5399

■ 52.8866, 49.6377,
101.4013

■ 33.2617, 39.2452,
5.8967

■ 52.9959, 49.8563,
101.4378

■ 33.2325, 39.2095,
5.8166

■ 53.1056, 50.0757,
101.4744

Harmonies

Analogous

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



42.0906, 42.9536, 32.7683



39.1931, 42.9536, 33.0132



36.8444, 42.9536, 36.6520

Triad

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



39.1931, 42.9536, 33.0132



37.1210, 42.9536, 59.5843



46.5533, 42.9536, 50.4462

Complementary

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



39.1931, 42.9536, 33.0132



29.9918, 29.7913, 46.2894

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.



45.0849, 42.9536, 58.5953



39.1931, 42.9536, 33.0132



39.5872, 42.9536, 64.2792

Square

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



39.1931, 42.9536, 33.0132



35.6878, 42.9536, 51.6717



42.5039, 42.9536, 63.8971



46.4354, 42.9536, 42.1869

Rectangle

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



39.1931, 42.9536, 33.0132



35.8640, 42.9536, 40.7891



42.5039, 42.9536, 63.8971



46.2260, 42.9536, 53.3069

Sweetspot

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



39.1942, 42.9555, 33.0141



74.7189, 79.7377, 77.8696



33.6821, 31.7948, 31.5973



16.5090, 17.6435, 17.0286



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.1942, 42.9555, 33.0141



70.0740, 77.3776, 54.9576



36.0542, 41.6299, 32.9238



9.1746, 9.8618, 9.0725



23.7867, 28.0719, 4.1647



0.7552, 0.8969, 0.1333

Inverse Universe

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



29.9918, 29.7913, 46.2894



50.4672, 49.3302, 83.2430



32.7391, 30.9806, 46.3742



8.0618, 8.2699, 10.6777



5.7999, 2.4002, 30.2946



0.1893, 0.0891, 0.9555

Previews

White Background



This preview shows how the XYZ color 39.1931, 42.9536, 33.0132 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 39.1931, 42.9536, 33.0132 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

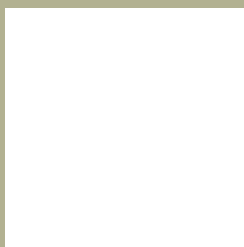
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1931, 42.9536, 33.0132

Background



This preview shows how black text looks on a background with the XYZ color 39.1931, 42.9536, 33.0132.



This preview shows how white text looks on a background with the XYZ color 39.1931, 42.9536,

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

39.1931, 42.9536, 33.0132

Protanopia

40.3716, 42.9878, 32.5552

Deuteranopia

43.6262, 42.6684, 33.5402



Tritanopia

42.8483, 42.6959, 51.8817

Trichromacy



Original Color

39.1931, 42.9536, 33.0132

Protanomaly

39.8508, 43.0094, 32.5868

Deuteranomaly

41.7435, 42.5386, 33.2048

Tritanomaly

41.2553, 42.6132, 44.0810

Monochromacy



Original Color

39.1931, 42.9536, 33.0132

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.6200, 42.4182, 40.7497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1931, 42.9536, 33.0132 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(178, 177, 145)` looks like.

```
.text, #text, p{  
    color:rgb(178, 177, 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(178, 177, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 177, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.1931, 42.9536, 33.0132 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(178, 177, 145) }
```


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

```
.border{ border-color:rgb(178, 177, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 177, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 177, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 177, 145);  
box-shadow:4px 4px 4px 4px rgb(178, 177,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1931, 42.9536, 33.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 177, 145) }
```

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

```
.background{ background-color: rgb(178,  
177, 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](#).

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