

Converting Colors

XYZ(43.0693, 51.9635, 31.5176)

Have a look what the booklet for
XYZ(43.0693, 51.9635, 31.5176)
contains.

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Color

**XYZ(43.0702, 52.0001,
31.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C789
RGB	177, 199, 137
RGB Percent	69%, 78%, 54%
CMY	0.3059, 0.2196, 0.4627
CMYK	0.11, 0.00, 0.31, 0.22
HSL	81°, 36%, 66%
HSV	81°, 31%, 78%
XYZ	43.0702, 52.0001, 31.4339
YIQ	185.3540, 6.7900, -23.9460

Conversions

Conversions Part 2

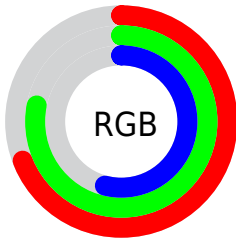
Format	Color
RYB	137, 199, 159
Decimal	11650953
CIELab	77.28, -18.03, 28.65
CIELCh	77, 33.846, 122.183
Yxy	52.0001, 0.3405, 0.4111
Android (android.graphics.Color)	4289841033 (0xFFB1C789)
YUV	185.3540, -23.8385, -7.3265
Hunter-Lab	72.1111, -19.5807, 24.6327

Details

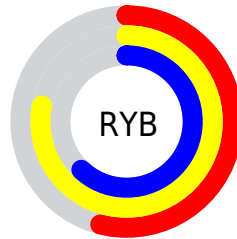
The XYZ color **43.0702, 52.0001, 31.4339** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5547, 29.3872, 57.9395**, and the grayscale version is **46.4384, 48.8568, 53.2051**.

A 20% lighter version of the original color is **78.7682, 92.6052, 63.0133**, and **20.1173, 25.2078, 12.6094** is the 20% darker color. If you saturate the color by 10%, you get **40.2054, 50.6749, 24.5231**, and if you desaturate by 10%, it is **46.2842, 53.4782, 39.7375**.

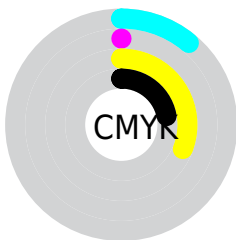
Distribution



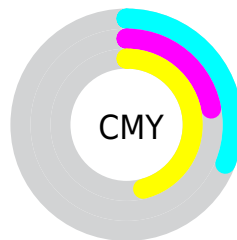
- Red (69%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0702, 52.0001, 31.4339 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 43.0702, 52.0001, 31.4339 by changing the saturation by 10% instead.

■ 43.0702, 52.0001,
31.4339

■ 43.0702, 52.0001,
31.4339

349.8170,
394.4370, 322.9452

■ 30.1350, 37.0052,
20.6682

■ 79.0718, 93.1314,
63.0101

■ 20.0896, 25.2115,
12.6928

■ 102.8689,
120.0365, 84.6578

■ 12.5689, 16.2347,
7.0891

■ 131.0174,
151.6805, 110.7698

■ 7.2073, 9.6904,
3.4386

163.8825,
188.4477, 141.7648

■ 3.6395, 5.1942,
1.3227

201.8297,
230.7226, 178.0613

■ 1.5003, 2.3616,
0.0803

245.2242,

■ 0.3260, 0.8060,

278.8895, 220.0779

0.0000

294.4316,
333.3328, 268.2330

■ 0.0000, 0.0000,
0.0000

■ 43.0702, 52.0001,
31.4339

■ 43.0702, 52.0001,
31.4339

■ 40.2054, 50.6749,
24.5231

■ 46.2842, 53.4782,
39.7375

■ 37.6702, 49.4892,
18.9254

■ 49.8581, 55.1082,
49.5012

■ 35.4487, 48.4383,
14.5581


■ 53.8069, 56.8980,
60.7918


■ 33.5219, 47.5145,
11.3279


■ 58.1435, 58.8530,
73.6711


■ 31.8680, 46.7089,
9.1278

■ 62.8801, 60.9782,
88.1975


 30.4618, 46.0112,
7.8308

 67.8012, 63.1875,
103.2306

 29.3836, 45.4677,
7.2275

 69.9763, 64.3088,
103.3324

 72.2427, 65.4772,
103.4385

 74.6015, 66.6932,
103.5489

Harmonies

Analogous

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



48.9507, 52.0001, 27.8841



43.0702, 52.0001, 31.4339



39.1868, 52.0001, 41.5226

Triad

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



43.0702, 52.0001, 31.4339



43.8257, 52.0001, 94.4845



62.9757, 52.0001, 55.2688

Complementary

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



43.0702, 52.0001, 31.4339



33.5547, 29.3872, 57.9395

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.



61.3060, 52.0001, 74.9924



43.0702, 52.0001, 31.4339



49.9014, 52.0001, 100.3782

Square

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



43.0702, 52.0001, 31.4339



39.5954, 52.0001, 77.8723



56.3750, 52.0001, 92.5820



60.7589, 52.0001, 39.6344

Rectangle

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



43.0702, 52.0001, 31.4339



38.0615, 52.0001, 51.8950



56.3750, 52.0001, 92.5820



62.8501, 52.0001, 61.6219

Sweetspot

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



43.0715, 52.0024, 31.4350



88.6393, 97.0969, 90.4510



40.4171, 38.6432, 28.9963



18.7618, 20.6870, 18.7675



0.0000, 0.0000, 0.0000



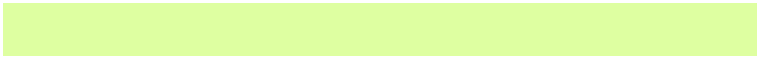
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0715, 52.0024, 31.4350



72.1382, 89.5341, 47.0363



36.8479, 48.7940, 31.1438



11.1446, 12.2215, 11.3344



18.9915, 29.2857, 4.6518



0.9759, 1.4262, 0.2238

Inverse Universe

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



33.5547, 29.3872, 57.9395



53.0165, 44.0747, 100.3207



40.4167, 32.9248, 58.2607



10.4060, 10.4675, 13.3895



8.3690, 3.5486, 34.9882



0.4750, 0.2086, 1.6604

Previews

White Background



This preview shows how the XYZ color 43.0702, 52.0001, 31.4339 looks on a white background.

Color Contrast Check

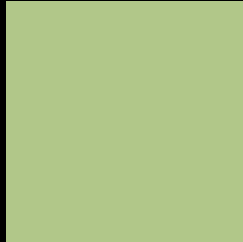
Large Text (above 18pt) WCAG AA × Fail

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 43.0702, 52.0001, 31.4339 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 43.0702, 52.0001, 31.4339

Background



This preview shows how black text looks on a background with the XYZ color 43.0702, 52.0001, 31.4339.



This preview shows how white text looks on a background with the XYZ color 43.0702, 52.0001,

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

43.0702, 52.0001, 31.4339

Protanopia

48.1007, 51.6422, 29.6231

Deuteranopia

52.7925, 51.7976, 32.4148



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

43.0702, 52.0001, 31.4339

Protanomaly

45.8787, 51.4633, 30.0696

Deuteranomaly

48.9436, 51.6985, 32.2102

Tritanomaly

46.8366, 51.5025, 50.6524

Monochromacy



Original Color

43.0702, 52.0001, 31.4339

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.7727, 49.5991, 44.2596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0702, 52.0001, 31.4339 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(177, 199, 137)` looks like.

```
.text, #text, p{  
    color:rgb(177, 199, 137)  
}
```

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(177, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 199, 137) }
```

Border

The CSS property to change the border of an element to XYZ 43.0702, 52.0001, 31.4339 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(177, 199, 137) }
```


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

```
.border{ border-color:rgb(177, 199, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 199, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 199, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 199, 137);  
box-shadow:4px 4px 4px 4px rgb(177, 199,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0702, 52.0001, 31.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 199, 137) }
```

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

```
.background{ background-color: rgb(177,  
199, 137) }
```

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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