

Converting Colors

XYZ(41.4399, 43.4738, 43.3561)

Have a look what the booklet for
XYZ(41.4399, 43.4738, 43.3561)
contains.

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Color

**XYZ(41.4156, 43.5811,
43.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B0A8
RGB	180, 176, 168
RGB Percent	71%, 69%, 66%
CMY	0.2941, 0.3098, 0.3412
CMYK	0.00, 0.02, 0.07, 0.29
HSL	40°, 7%, 68%
HSV	40°, 7%, 71%
XYZ	41.4156, 43.5811, 43.2749
YIQ	176.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

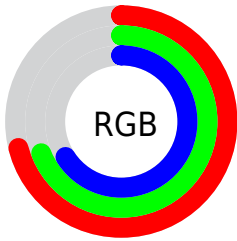
Format	Color
RYB	174, 180, 168
Decimal	11841704
CIELab	71.95, -0.02, 4.59
CIELCh	72, 4.587, 90.264
Yxy	43.5811, 0.3229, 0.3398
Android (android.graphics.Color)	4290031784 (0xFFB4B0A8)
YUV	176.2840, -4.0840, 3.2589
Hunter-Lab	66.0160, -3.5447, 7.3453

Details

The XYZ color **41.4156, 43.5811, 43.2749** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1391, 41.1245, 49.0555**, and the grayscale version is **41.4349, 43.5927, 47.4724**.

A 20% lighter version of the original color is **76.7680, 80.8738, 81.3761**, and **19.1124, 20.1883, 19.4124** is the 20% darker color. If you saturate the color by 10%, you get **38.7042, 40.6584, 34.6626**, and if you desaturate by 10%, it is **44.4135, 46.7043, 53.1291**.

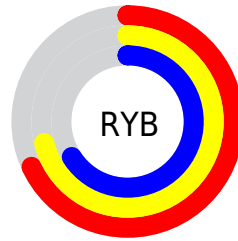
Distribution



Red (71%)

Green (69%)

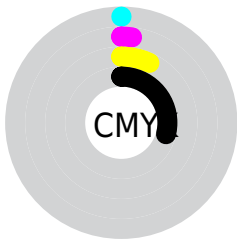
Blue (66%)



Red (68%)

Yellow (71%)

Blue (66%)

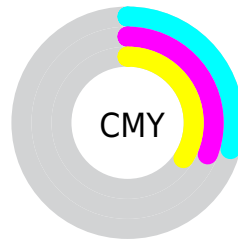


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4156, 43.5811, 43.2749 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 41.4156, 43.5811, 43.2749 by changing the saturation by 10% instead.

■ 41.4156, 43.5811,
43.2749

■ 41.4156, 43.5811,
43.2749

343.0876,
360.9961, 375.6955

■ 28.8331, 30.3413,
29.7679

■ 76.5851, 80.5870,
81.4163

■ 19.0982, 20.0978,
19.4119

■ 99.9028, 105.1220,
106.8878

■ 11.8457, 12.4662,
11.7885

127.5296,
134.1908, 137.1845

■ 6.7101, 7.0620,
6.4790

159.8309,
168.1778, 172.7250

■ 3.3262, 3.5009,
3.0650

197.1720,
207.4674, 213.9278

■ 1.3285, 1.3985,
1.1279

239.9182,

■ 0.2044, 0.2156,

252.4441, 261.2114

0.0000

288.4350,
303.4922, 314.9945

■ 0.0000, 0.0000,
0.0000

■ 41.4156, 43.5811,
43.2749

■ 41.4156, 43.5811,
43.2749

■ 38.7042, 40.6584,
34.6626

■ 44.4135, 46.7043,
53.1291

■ 36.2656, 37.9254,
27.2391

■ 47.7039, 50.0272,
64.2696

■ 34.0901, 35.3786,
20.9519

■ 51.2971, 53.5564,
76.7421

■ 32.1661, 33.0123,
15.7432

■ 55.2018, 57.2962,
90.5892

■ 30.4812, 30.8202,
11.5502

■ 58.9390, 61.0563,
103.2864

■ 29.0213, 28.7958,
8.3036

■ 60.4098, 63.9978,
103.7766

■ 27.7710, 26.9315,
5.9252

■ 61.9362, 67.0506,
104.2854

■ 26.7124, 25.2191,
4.3241

■ 63.5189, 70.2159,
104.8130

■ 25.8210, 23.6476,
3.3758

■ 65.1583, 73.4948,
105.3594

Harmonies

Analogous

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



42.1729, 43.5811, 43.8103



41.4156, 43.5811, 43.2749



40.6693, 43.5811, 43.8292

Triad

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



41.4156, 43.5811, 43.2749



40.1373, 43.5811, 49.6561



42.7420, 43.5811, 49.6207

Complementary

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



41.4156, 43.5811, 43.2749



39.1391, 41.1245, 49.0555

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.



42.1850, 43.5811, 51.2700



41.4156, 43.5811, 43.2749



40.6811, 43.5811, 51.2909

Square

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



41.4156, 43.5811, 43.2749



39.9370, 43.5811, 47.4723



41.4295, 43.5811, 51.8905



42.9445, 43.5811, 47.4326

Rectangle

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



41.4156, 43.5811, 43.2749



40.2769, 43.5811, 44.7524



41.4295, 43.5811, 51.8905



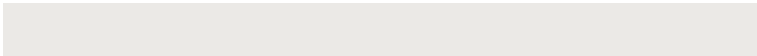
42.5897, 43.5811, 50.2589

Sweetspot

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



41.4168, 43.5830, 43.2758



77.5485, 81.6011, 86.4585



40.2720, 40.6877, 44.7613



16.7737, 17.6502, 18.7285



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.



41.4168, 43.5830, 43.2758



74.3415, 78.2225, 76.0322



41.7498, 44.9352, 43.5193



8.9539, 9.4202, 8.9989



17.8924, 16.2833, 2.2000



0.6139, 0.6142, 0.0862

Inverse Universe

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



39.1391, 41.1245, 49.0555



69.3502, 72.8350, 88.6980



38.8190, 39.8472, 48.8258



8.2655, 8.6773, 10.7456



6.9318, 4.6639, 30.6719



0.2731, 0.2567, 0.9834

Previews

White Background



This preview shows how the XYZ color 41.4156, 43.5811, 43.2749 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 41.4156, 43.5811, 43.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

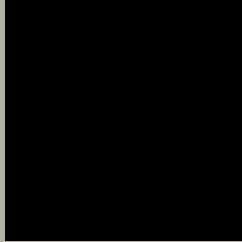
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4156, 43.5811, 43.2749

Background



This preview shows how black text looks on a background with the XYZ color 41.4156, 43.5811, 43.2749.



This preview shows how white text looks on a background with the XYZ color 41.4156, 43.5811,

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

41.4156, 43.5811, 43.2749

Protanopia

41.6493, 43.7016, 43.2859

Deuteranopia

44.3011, 43.3498, 43.5685



Tritanopia

43.4416, 43.5423, 53.1286

Trichromacy



Original Color

41.4156, 43.5811, 43.2749

Protanomaly

41.6493, 43.7016, 43.2859

Deuteranomaly

43.1492, 43.3168, 43.6229

Tritanomaly

42.6657, 43.5125, 49.3300

Monochromacy



Original Color

41.4156, 43.5811, 43.2749

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1996, 43.4149, 45.7436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4156, 43.5811, 43.2749 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(180, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 168)  
}
```

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(180, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.4156, 43.5811, 43.2749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

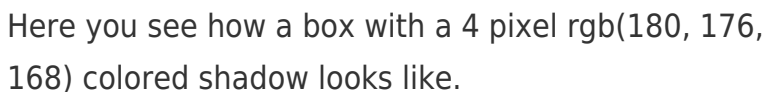
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 176, 168) }
```


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

```
.border{ border-color:rgb(180, 176, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 176, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 176, 168); box-shadow:4px 4px 4px 4px rgb(180, 176, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4156, 43.5811, 43.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 168) }
```

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

```
.background{ background-color: rgb(180,  
176, 168) }
```

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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