

Converting Colors

XYZ(43.0110, 43.4782, 59.7248)

Have a look what the booklet for
XYZ(43.0110, 43.4782, 59.7248)
contains.

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Color

**XYZ(43.0083, 43.4633,
59.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAEC6
RGB	175, 174, 198
RGB Percent	69%, 68%, 78%
CMY	0.3137, 0.3176, 0.2235
CMYK	0.12, 0.12, 0.00, 0.22
HSL	242°, 17%, 73%
HSV	242°, 12%, 78%
XYZ	43.0083, 43.4633, 59.5486
YIQ	177.0350, -7.1080, 7.6760

Conversions

Conversions Part 2

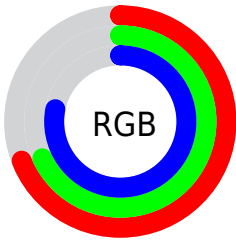
Format	Color
R_{YB}	175, 174, 198
Decimal	11513542
CIE Lab	71.87, 5.12, -12.06
CIE LCh	72, 13.101, 293.000
Yxy	43.4633, 0.2945, 0.2977
Android (android.graphics.Color)	4289703622 (0xFFAFAEC6)
YUV	177.0350, 10.3357, -1.7847
Hunter-Lab	65.9267, 1.0755, -7.4053

Details

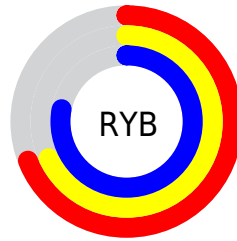
The XYZ color **43.0083, 43.4633, 59.5486** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.8616, 55.3157, 48.0428**, and the grayscale version is **41.7595, 43.9343, 47.8444**.

A 20% lighter version of the original color is **79.0243, 80.2475, 105.9320**, and **20.0196, 20.0703, 29.2044** is the 20% darker color. If you saturate the color by 10%, you get **35.4976, 34.3263, 58.1815**, and if you desaturate by 10%, it is **51.6841, 54.0403, 61.1336**.

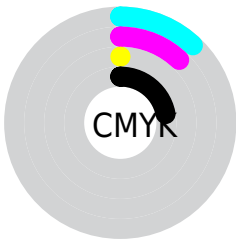
Distribution



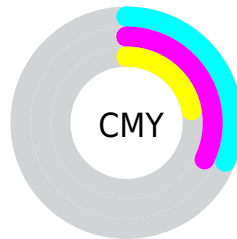
- Red (69%)
- Green (68%)
- Blue (78%)



- Red (69%)
- Yellow (68%)
- Blue (78%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0083, 43.4633, 59.5486 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 43.0083, 43.4633, 59.5486 by changing the saturation by 10% instead.

■ 43.0083, 43.4633,
59.5486

■ 43.0083, 43.4633,
59.5486

349.5668,
360.5136, 440.6903

■ 30.0862, 30.2488,
42.6320

■ 78.9790, 80.4095,
105.7115

■ 20.0524, 20.0275,
29.2672

102.7583,
104.9100, 135.7949

■ 12.5416, 12.4150,
19.0357

130.8874,
133.9414, 171.1043

■ 7.1885, 7.0270,
11.5190

163.7316,
167.8879, 212.0583

■ 3.6276, 3.4790,
6.2985

201.6563,
207.1339, 259.0753

■ 1.4937, 1.3866,
2.9557

245.0268,

■ 0.3215, 0.2068,

252.0640, 312.5739

1.0721

294.2086,
303.0624, 372.9728

■ 0.0000, 0.0000,
0.0000

■ 43.0083, 43.4633,
59.5486

■ 43.0083, 43.4633,
59.5486

■ 35.4976, 34.3263,
58.1815

■ 51.6841, 54.0403,
61.1336

■ 29.0986, 26.5617,
57.0201

■ 61.5675, 66.1099,
62.9423

■ 23.7596, 20.1051,
56.0552

■ 72.7036, 79.7289,
64.9841

■ 19.4236, 14.8843,
55.2760

■ 85.1342, 94.9495,
67.2668

■ 16.0276, 10.8205,
54.6706

■ 87.1932, 96.8573,
67.5266

■ 13.5021, 7.8256,
54.2256

■ 11.7677, 5.7989,
53.9259

■ 10.7303, 4.6206,
53.7531

■ 10.2962, 4.1304,
53.6814

Harmonies

Analogous

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



40.7904, 43.4633, 60.5855



43.0083, 43.4633, 59.5486



44.8296, 43.4633, 55.1038

Triad

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



43.0083, 43.4633, 59.5486



43.9445, 43.4633, 38.1808



37.2001, 43.4633, 45.8437

Complementary

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



43.0083, 43.4633, 59.5486



50.8616, 55.3157, 48.0428

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.



37.9807, 43.4633, 40.3135



43.0083, 43.4633, 59.5486



41.8352, 43.4633, 36.1546

Square

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



43.0083, 43.4633, 59.5486



45.3835, 43.4633, 42.6873



39.6581, 43.4633, 36.8988



37.4889, 43.4633, 52.2851

Rectangle

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



43.0083, 43.4633, 59.5486



45.5471, 43.4633, 51.0051



39.6581, 43.4633, 36.8988



37.3452, 43.4633, 43.8247

Sweetspot

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



43.0096, 43.4651, 59.5496



88.3763, 91.8567, 107.6799



47.6616, 53.1004, 61.1642



18.6559, 19.3437, 23.0004



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.



43.0096, 43.4651, 59.5496



71.8137, 71.6748, 104.6574



45.7753, 44.8909, 59.6790



10.0968, 10.3082, 13.3750



6.7137, 2.6953, 34.9108



0.3325, 0.1351, 1.6537

Inverse Universe

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



48.5043, 46.3110, 59.2079



83.7835, 77.8749, 103.8867



47.8913, 53.7844, 47.9038



11.0633, 10.8087, 13.3167



21.1812, 10.2221, 32.4939



1.0090, 0.4864, 1.5705

Previews

White Background



This preview shows how the XYZ color 43.0083, 43.4633, 59.5486 looks on a white background.

Color Contrast Check

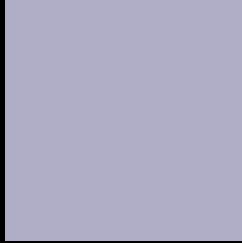
Large Text (above 18pt) WCAG AA × Fail

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 43.0083, 43.4633, 59.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

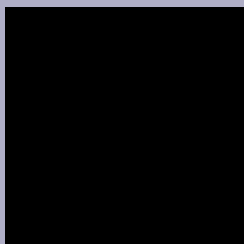
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0083, 43.4633, 59.5486

Background



This preview shows how black text looks on a background with the XYZ color 43.0083, 43.4633, 59.5486.



This preview shows how white text looks on a background with the XYZ color 43.0083, 43.4633,

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

43.0083, 43.4633, 59.5486

Protanopia

42.5363, 43.5078, 59.5820

Deuteranopia

44.4002, 43.3166, 60.0536



Tritanopia

41.9708, 43.3327, 54.2961

Trichromacy



Original Color

43.0083, 43.4633, 59.5486

Protanomaly

42.7566, 43.6214, 59.5923

Deuteranomaly

43.8837, 43.3319, 60.0838

Tritanomaly

42.3000, 43.4644, 56.0292

Monochromacy



Original Color

43.0083, 43.4633, 59.5486

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1868, 43.7836, 52.1265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0083, 43.4633, 59.5486 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(175, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 198)  
}
```

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(175, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.0083, 43.4633, 59.5486 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(175, 174, 198) }
```


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

```
.border{ border-color:rgb(175, 174, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0083, 43.4633, 59.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 198) }
```

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

```
.background{ background-color: rgb(175,  
174, 198) }
```

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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