

Converting Colors

XYZ(43.7771, 48.6593, 44.2881)

Have a look what the booklet for
XYZ(43.7771, 48.6593, 44.2881)
contains.

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Color

**XYZ(43.8559, 48.8061,
44.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BDA8
RGB	179, 189, 168
RGB Percent	70%, 74%, 66%
CMY	0.2980, 0.2588, 0.3412
CMYK	0.05, 0.00, 0.11, 0.26
HSL	89°, 14%, 70%
HSV	89°, 11%, 74%
XYZ	43.8559, 48.8061, 44.1548
YIQ	183.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

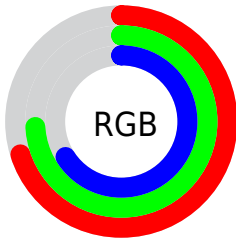
Format	Color
RYB	168, 189, 178
Decimal	11779496
CIELab	75.33, -7.30, 9.43
CIELCh	75, 11.925, 127.742
Yxy	48.8061, 0.3205, 0.3567
Android (android.graphics.Color)	4289969576 (0xFFB3BDA8)
YUV	183.6160, -7.6987, -4.0482
Hunter-Lab	69.8614, -10.2029, 11.4296

Details

The XYZ color **43.8559, 48.8061, 44.1548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.5500, 41.1457, 53.8987**, and the grayscale version is **45.3901, 47.7540, 52.0041**.

A 20% lighter version of the original color is **80.2326, 88.2947, 82.6259**, and **20.5607, 23.3049, 19.9376** is the 20% darker color. If you saturate the color by 10%, you get **40.2088, 47.1163, 35.4511**, and if you desaturate by 10%, it is **47.8975, 50.6726, 54.2149**.

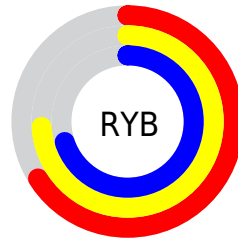
Distribution



Red (70%)

Green (74%)

Blue (66%)



Red (66%)

Yellow (74%)

Blue (70%)

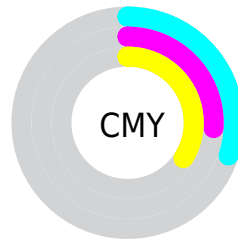


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (30%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8559, 48.8061, 44.1548 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 43.8559, 48.8061, 44.1548 by changing the saturation by 10% instead.


 43.8559, 48.8061,
44.1548


 43.8559, 48.8061,
44.1548


352.9821,
381.9785, 379.3994

 30.7547, 34.4657,
30.4541


 80.2486, 88.4034,
82.7556

 20.5630, 23.2516,
19.9286


 104.2707,
114.4291, 108.4928

 12.9156, 14.7794,
12.1596

132.6638,
145.1186, 139.0793

 7.4470, 8.6647,
6.7286

165.7933,
180.8565, 174.9335

 3.7920, 4.5231,
3.2171

204.0245,
222.0270, 216.4741

 1.5852, 1.9703,
1.2065

247.7228,

 0.3827, 0.5901,

269.0146, 264.1196

0.0000

297.2536,
322.2036, 318.2885

■ 0.0000, 0.0000,
0.0000

■ 43.8559, 48.8061,
44.1548

■ 43.8559, 48.8061,
44.1548

■ 40.2088, 47.1163,
35.4511

■ 47.8975, 50.6726,
54.2149

■ 36.9386, 45.5910,
28.0428

■ 52.3425, 52.7148,
65.6829

■ 34.0323, 44.2264,
21.8685

■ 57.2043, 54.9401,
78.6113

■ 31.4743, 43.0159,
16.8610

■ 62.4947, 57.3533,
93.0489

■ 29.2478, 41.9524,
12.9465

■ 66.9927, 59.4663,
102.5550

■ 27.3343, 41.0283,
10.0428

■ 69.8574, 60.9432,
102.6891

■ 25.7130, 40.2348,
8.0559

■ 72.8720, 62.4973,
102.8301

■ 24.3597, 39.5618,
6.8744

■ 76.0388, 64.1298,
102.9783

■ 23.3424, 39.0489,
6.3069

■ 77.4886, 64.8772,
103.0462

Harmonies

Analogous

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



45.8231, 48.8061, 42.0538



43.8559, 48.8061, 44.1548



42.5956, 48.8061, 48.6985

Triad

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



43.8559, 48.8061, 44.1548



44.8102, 48.8061, 65.1164



50.6925, 48.8061, 51.5317

Complementary

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



43.8559, 48.8061, 44.1548



41.5500, 41.1457, 53.8987

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.



50.4006, 48.8061, 57.8470



43.8559, 48.8061, 44.1548



46.9590, 48.8061, 66.0247

Square

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



43.8559, 48.8061, 44.1548



43.1344, 48.8061, 60.8794



49.0173, 48.8061, 63.2717



49.8028, 48.8061, 46.0888

Rectangle

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



43.8559, 48.8061, 44.1548



42.3027, 48.8061, 52.6673



49.0173, 48.8061, 63.2717



50.7298, 48.8061, 53.6186

Sweetspot

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



43.8572, 48.8082, 44.1559



84.3236, 90.0790, 93.4132



43.9366, 45.4090, 43.4956



18.0045, 19.3117, 19.7640



90.7827, 95.5105, 104.0109



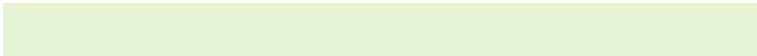
18.6292, 19.5994, 21.3438

Same Dimension

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



43.8572, 48.8082, 44.1559



77.1176, 86.7506, 75.6148



41.5648, 47.6264, 44.0486



9.8727, 10.8888, 10.1580



15.7934, 26.3177, 4.2474



0.6937, 1.0696, 0.1699

Inverse Universe

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



41.5500, 41.1457, 53.8987



72.2764, 70.6726, 96.0580



44.0028, 42.4102, 54.0135



9.4371, 9.4422, 11.9973



9.1055, 3.9801, 32.6812



0.4322, 0.1949, 1.2837

Previews

White Background



This preview shows how the XYZ color 43.8559, 48.8061, 44.1548 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 43.8559, 48.8061, 44.1548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

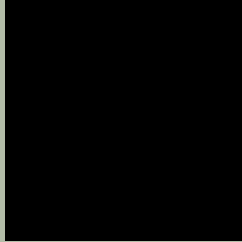
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

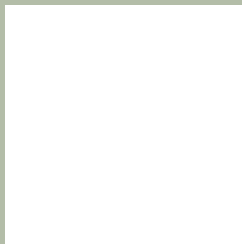
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8559, 48.8061, 44.1548

Background



This preview shows how black text looks on a background with the XYZ color 43.8559, 48.8061, 44.1548.



This preview shows how white text looks on a background with the XYZ color 43.8559, 48.8061,

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

43.8559, 48.8061, 44.1548

Protanopia

46.2242, 48.7886, 43.0572

Deuteranopia

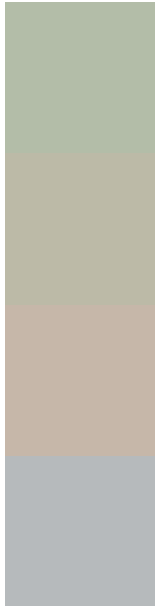
49.6703, 48.6978, 44.8119



Tritanopia

47.4249, 49.0118, 60.9935

Trichromacy



Original Color

43.8559, 48.8061, 44.1548

Protanomaly

45.2730, 48.5992, 43.5537

Deuteranomaly

47.3836, 48.7373, 44.4460

Tritanomaly

45.9274, 48.6937, 54.5551

Monochromacy



Original Color

43.8559, 48.8061, 44.1548

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8862, 48.2772, 49.0722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8559, 48.8061, 44.1548 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(179, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 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(179, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 168) }
```

Border

The CSS property to change the border of an element to XYZ 43.8559, 48.8061, 44.1548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

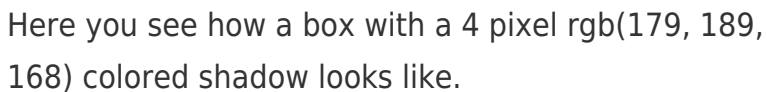
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 189, 168) }
```


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

```
.border{ border-color:rgb(179, 189, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8559, 48.8061, 44.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 168) }
```

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

```
.background{ background-color: rgb(179,  
189, 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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