

Converting Colors

XYZ(43.0257, 44.5178, 49.3459)

Have a look what the booklet for
XYZ(43.0257, 44.5178, 49.3459)
contains.

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Color

**XYZ(43.0164, 44.5633,
49.5144)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B1B4
RGB	181, 177, 180
RGB Percent	71%, 69%, 71%
CMY	0.2902, 0.3059, 0.2941
CMYK	0.00, 0.02, 0.01, 0.29
HSL	315°, 3%, 70%
HSV	315°, 2%, 71%
XYZ	43.0164, 44.5633, 49.5144
YIQ	178.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

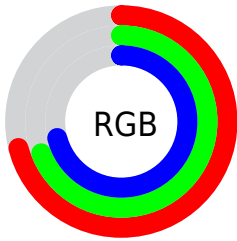
Format	Color
R_YB	181, 177, 180
Decimal	11907508
CIE Lab	72.60, 1.97, -1.03
CIE LCh	73, 2.229, 332.345
Yxy	44.5633, 0.3138, 0.3251
Android (android.graphics.Color)	4290097588 (0xFFB5B1B4)
YUV	178.5380, 0.7208, 2.1592
Hunter-Lab	66.7557, -1.7998, 2.7522

Details

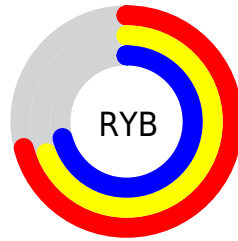
The XYZ color **43.0164, 44.5633, 49.5144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6929, 45.6104, 48.6752**, and the grayscale version is **42.5988, 44.8173, 48.8060**.

A 20% lighter version of the original color is **79.2043, 82.3385, 91.0753**, and **19.9405, 20.5368, 22.9917** is the 20% darker color. If you saturate the color by 10%, you get **39.2224, 37.7010, 46.0113**, and if you desaturate by 10%, it is **47.3022, 52.3839, 53.2569**.

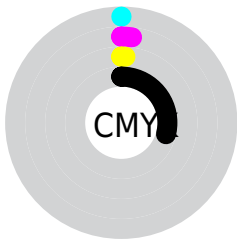
Distribution



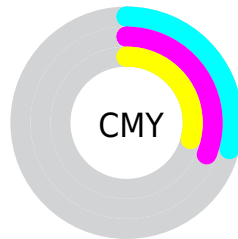
- Red (71%)
- Green (69%)
- Blue (71%)



- Red (71%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0164, 44.5633, 49.5144 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 43.0164, 44.5633, 49.5144 by changing the saturation by 10% instead.

■ 43.0164, 44.5633,
49.5144

■ 43.0164, 44.5633,
49.5144

349.5996,
365.0020, 401.4444

■ 30.0926, 31.1136,
34.6592

■ 78.9912, 82.0647,
90.8439

■ 20.0573, 20.6854,
23.1190

102.7728,
106.8852, 118.1552

■ 12.5452, 12.8942,
14.4753

130.9044,
136.2647, 150.4557

■ 7.1909, 7.3557,
8.3095

163.7514,
170.5877, 188.1639

■ 3.6292, 3.6856,
4.2030

201.6790,
210.2386, 231.6984

■ 1.4946, 1.4993,
1.7374

245.0527,

■ 0.3221, 0.2882,

255.6016, 281.4776

0.3861

294.2377,
307.0613, 337.9201

■ 0.0000, 0.0000,
0.0000

■ 43.0164, 44.5633,
49.5144

■ 43.0164, 44.5633,
49.5144

■ 39.2224, 37.7010,
46.0113

■ 47.3022, 52.3839,
53.2569

■ 35.8978, 31.7541,
42.7378

■ 52.0936, 61.1920,
57.2424

■ 33.0239, 26.6850,
39.6874

■ 57.4087, 71.0229,
61.4782

■ 30.5794, 22.4512,
36.8525

■ 63.2634, 81.9082,
65.9704

■ 28.5411, 19.0069,
34.2245

■ 65.5532, 85.6386,
69.3512

■ 26.8839, 16.3015,
31.7942

■ 66.0996, 85.8572,
72.2287

■ 25.5794, 14.2789,
29.5515

■ 66.6619, 86.0821,
75.1898

■ 24.5953, 12.8747,
27.4849

■ 67.2402, 86.3135,
78.2353

■ 23.8931, 12.0121,
25.5807

■ 67.8347, 86.5513,
81.3657

Harmonies

Analogous

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



42.7541, 44.5633, 50.3385



43.0164, 44.5633, 49.5144



43.1014, 44.5633, 48.4350

Triad

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



43.0164, 44.5633, 49.5144



42.3257, 44.5633, 46.4304



41.7326, 44.5633, 49.6671

Complementary

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



43.0164, 44.5633, 49.5144



42.6929, 45.6104, 48.6752

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.



41.6194, 44.5633, 48.6088



43.0164, 44.5633, 49.5144



41.9605, 44.5633, 46.7494

Square

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



43.0164, 44.5633, 49.5144



42.7012, 44.5633, 46.6647



41.7026, 44.5633, 47.5427



42.0128, 44.5633, 50.4276

Rectangle

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



43.0164, 44.5633, 49.5144



43.0457, 44.5633, 47.7188



41.7026, 44.5633, 47.5427



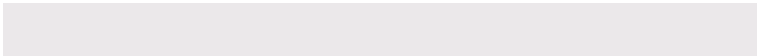
41.6738, 44.5633, 49.3339

Sweetspot

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



43.0177, 44.5652, 49.5154



77.9104, 81.3918, 89.4556



42.4245, 44.2476, 50.0213



16.8478, 17.6073, 19.3422



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.



43.0177, 44.5652, 49.5154



76.4371, 78.7143, 88.1352



42.8156, 44.4844, 48.4511



9.2224, 9.4513, 10.6484



16.2155, 8.0038, 16.8268



0.5319, 0.2605, 0.6438

Inverse Universe

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



43.0177, 44.5652, 49.5154



76.4371, 78.7143, 88.1352



42.8950, 45.6912, 49.7395



9.2224, 9.4513, 10.6484



16.2155, 8.0038, 16.8268



0.5319, 0.2605, 0.6438

Previews

White Background



This preview shows how the XYZ color 43.0164, 44.5633, 49.5144 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 43.0164, 44.5633, 49.5144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

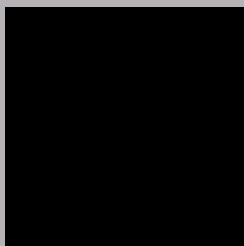
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

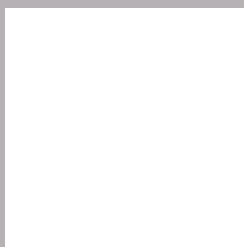
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0164, 44.5633, 49.5144

Background



This preview shows how black text looks on a background with the XYZ color 43.0164, 44.5633, 49.5144.

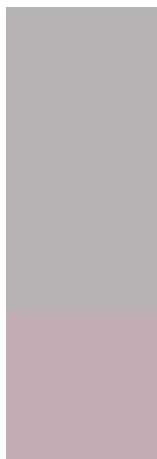


This preview shows how white text looks on a background with the XYZ color 43.0164, 44.5633,

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

43.0164, 44.5633, 49.5144

Protanopia

43.0164, 44.5633, 49.5144

Deuteranopia

45.5322, 44.6927, 49.9428



Tritanopia

44.0020, 44.6699, 54.4471

Trichromacy



Original Color

43.0164, 44.5633, 49.5144

Protanomaly

43.0164, 44.5633, 49.5144

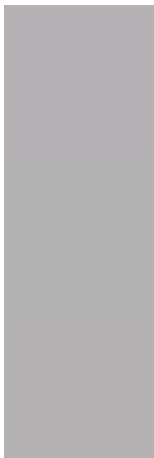
Deuteranomaly

44.4628, 44.4271, 49.9479

Tritanomaly

43.6797, 44.5409, 52.7495

Monochromacy



Original Color

43.0164, 44.5633, 49.5144

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8795, 44.7988, 49.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0164, 44.5633, 49.5144 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(181, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 180)  
}
```

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(181, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.0164, 44.5633, 49.5144 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(181, 177, 180) }
```


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

```
.border{ border-color:rgb(181, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0164, 44.5633, 49.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 180) }
```

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

```
.background{ background-color: rgb(181,  
177, 180) }
```

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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