

Converting Colors

XYZ(43.8050, 43.8606, 60.1900)

Have a look what the booklet for
XYZ(43.8050, 43.8606, 60.1900)
contains.

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Color

**XYZ(43.8050, 43.8606,
60.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AEC7
RGB	178, 174, 199
RGB Percent	70%, 68%, 78%
CMY	0.3020, 0.3176, 0.2196
CMYK	0.11, 0.13, 0.00, 0.22
HSL	250°, 18%, 73%
HSV	250°, 13%, 78%
XYZ	43.8050, 43.8606, 60.1900
YIQ	178.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

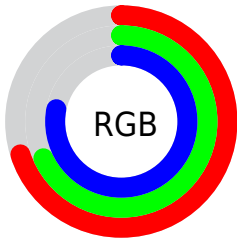
Format	Color
R_{YB}	178, 174, 199
Decimal	11710151
CIE Lab	72.14, 6.32, -12.18
CIE LCh	72, 13.728, 297.431
Yxy	43.8606, 0.2963, 0.2966
Android (android.graphics.Color)	4289900231 (0xFFB2AEC7)
YUV	178.0460, 10.3303, -0.0403
Hunter-Lab	66.2273, 2.1681, -7.5259

Details

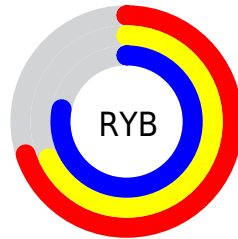
The XYZ color **43.8050, 43.8606, 60.1900** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.5705, 55.5060, 48.0948**, and the grayscale version is **42.2916, 44.4940, 48.4540**.

A 20% lighter version of the original color is **80.0010, 80.7510, 105.9777**, and **20.5278, 20.3234, 29.6289** is the 20% darker color. If you saturate the color by 10%, you get **36.6371, 34.8758, 58.8342**, and if you desaturate by 10%, it is **52.0126, 54.2292, 61.7594**.

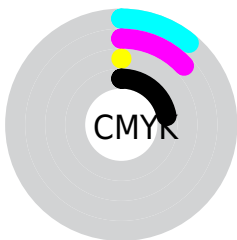
Distribution



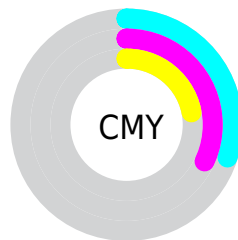
- Red (70%)
- Green (68%)
- Blue (78%)



- Red (70%)
- Yellow (68%)
- Blue (78%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8050, 43.8606, 60.1900 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 43.8050, 43.8606, 60.1900 by changing the saturation by 10% instead.

■ 43.8050, 43.8606,
60.1900

■ 43.8050, 43.8606,
60.1900

352.7776,
362.1391, 443.1218

■ 30.7145, 30.5609,
43.1455

■ 80.1724, 81.0079,
106.6513

■ 20.5323, 20.2647,
29.6670

104.1800,
105.6244, 136.9052

■ 12.8931, 12.5876,
19.3361

132.5573,
134.7819, 172.3993

■ 7.4314, 7.1452,
11.7341

165.6698,
168.8649, 213.5521

■ 3.7821, 3.5531,
6.4426

203.8827,
208.2577, 260.7823

■ 1.5796, 1.4268,
3.0429

247.5614,

■ 0.3791, 0.2364,

253.3447, 314.5082

1.1166

297.0712,
304.5104, 375.1486

■ 0.0000, 0.0000,
0.0000

■ 43.8050, 43.8606,
60.1900

■ 43.8050, 43.8606,
60.1900

■ 36.6371, 34.8758,
58.8342

■ 52.0126, 54.2292,
61.7594

■ 30.4632, 27.2107,
57.6801

■ 61.2952, 66.0311,
63.5482

■ 25.2401, 20.8044,
56.7189

■ 71.6914, 79.3202,
65.5653

■ 20.9199, 15.5891,
55.9399

■ 83.2366, 94.1457,
67.8184

■ 17.4503, 11.4903,
55.3316

■ 87.3089, 96.9036,
68.1361

■ 14.7736, 8.4254,
54.8811

■ 12.8246, 6.2997,
54.5736

■ 11.5270, 5.0010,
54.3913

■ 10.8993, 4.4279,
54.3137

Harmonies

Analogous

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



41.4860, 43.8606, 61.8885



43.8050, 43.8606, 60.1900



45.6139, 43.8606, 55.0683

Triad

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



43.8050, 43.8606, 60.1900



44.1686, 43.8606, 37.6585



37.3345, 43.8606, 47.1791

Complementary

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



43.8050, 43.8606, 60.1900



50.5705, 55.5060, 48.0948

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.



37.9944, 43.8606, 41.1228



43.8050, 43.8606, 60.1900



41.8910, 43.8606, 35.9587

Square

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



43.8050, 43.8606, 60.1900



45.8293, 43.8606, 42.0389



39.6407, 43.8606, 37.1656



37.8043, 43.8606, 53.9709

Rectangle

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



43.8050, 43.8606, 60.1900



46.2565, 43.8606, 50.6289



39.6407, 43.8606, 37.1656



37.4310, 43.8606, 44.9953

Sweetspot

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



43.8063, 43.8624, 60.1910



88.7995, 92.0748, 107.6997



47.3369, 52.2657, 61.6269



18.7625, 19.3987, 23.0054



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.



43.8063, 43.8624, 60.1910



73.1891, 72.3839, 104.7217



46.7440, 45.3769, 60.3285



10.2121, 10.3676, 13.3804



7.0574, 2.8725, 34.9268



0.3853, 0.1624, 1.6562

Inverse Universe

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



48.5410, 46.3562, 58.0209



83.0690, 77.5891, 100.1244



47.5338, 53.9405, 47.9527



11.0074, 10.7864, 13.0223



19.6676, 9.6166, 24.5234



0.9513, 0.4634, 1.2669

Previews

White Background



This preview shows how the XYZ color 43.8050, 43.8606, 60.1900 looks on a white background.

Color Contrast Check

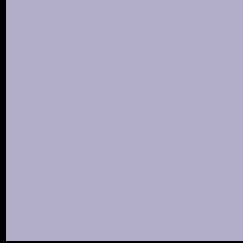
Large Text (above 18pt) WCAG AA × Fail

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 43.8050, 43.8606, 60.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

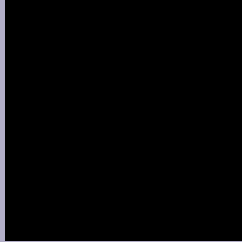
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8050, 43.8606, 60.1900

Background



This preview shows how black text looks on a background with the XYZ color 43.8050, 43.8606, 60.1900.



This preview shows how white text looks on a background with the XYZ color 43.8050, 43.8606,

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

43.8050, 43.8606, 60.1900

Protanopia

42.9889, 43.7143, 60.8155

Deuteranopia

44.5898, 43.6958, 60.1168



Tritanopia

42.6151, 43.9549, 54.3822

Trichromacy



Original Color

43.8050, 43.8606, 60.1900

Protanomaly

43.4345, 43.9440, 60.8364

Deuteranomaly

44.3084, 43.8344, 60.1584

Tritanomaly

43.0871, 43.8573, 56.6465

Monochromacy



Original Color

43.8050, 43.8606, 60.1900

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9452, 44.4544, 52.7715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8050, 43.8606, 60.1900 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(178, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 199)  
}
```

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(178, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.8050, 43.8606, 60.1900 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(178, 174, 199) }
```


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

```
.border{ border-color:rgb(178, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8050, 43.8606, 60.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 199) }
```

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

```
.background{ background-color: rgb(178,  
174, 199) }
```

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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