

Converting Colors

XYZ(48.2846, 48.1181, 50.9240)

Have a look what the booklet for
XYZ(48.2846, 48.1181, 50.9240)
contains.

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Color

**XYZ(48.3179, 48.1620,
51.0055)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B4B6
RGB	199, 180, 182
RGB Percent	78%, 71%, 71%
CMY	0.2196, 0.2941, 0.2863
CMYK	0.00, 0.10, 0.09, 0.22
HSL	354°, 15%, 74%
HSV	354°, 10%, 78%
XYZ	48.3179, 48.1620, 51.0055
YIQ	185.9090, 10.6820, 4.6500

Conversions

Conversions Part 2

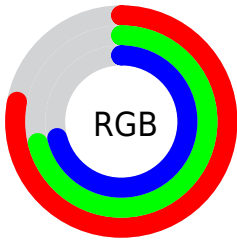
Format	Color
R _Y B	199, 180, 182
Decimal	13087926
CIE Lab	74.93, 7.12, 1.44
CIE LCh	75, 7.267, 11.452
Yxy	48.1620, 0.3276, 0.3266
Android (android.graphics.Color)	4291278006 (0xFFC7B4B6)
YUV	185.9090, -1.9271, 11.4808
Hunter-Lab	69.3988, 2.8299, 5.0033

Details

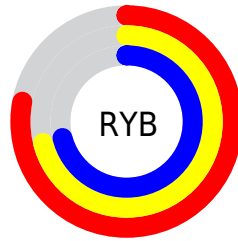
The XYZ color **48.3179, 48.1620, 51.0055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3257, 54.5825, 60.7617**, and the grayscale version is **46.6285, 49.0568, 53.4229**.

A 20% lighter version of the original color is **86.6681, 87.4240, 93.1955**, and **23.2289, 22.7835, 23.9422** is the 20% darker color. If you saturate the color by 10%, you get **42.8606, 40.0075, 40.6764**, and if you desaturate by 10%, it is **54.5888, 57.5680, 62.7617**.

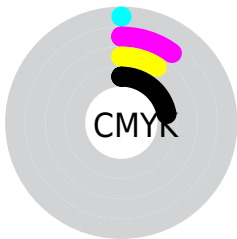
Distribution



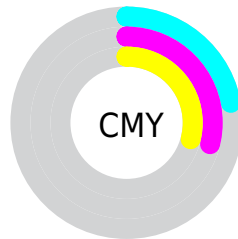
- Red (78%)
- Green (71%)
- Blue (71%)



- Red (78%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3179, 48.1620, 51.0055 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 48.3179, 48.1620, 51.0055 by changing the saturation by 10% instead.


 48.3179, 48.1620,
51.0055

 48.3179, 48.1620,
51.0055


370.6125,
379.4339, 407.4323

 34.2910, 33.9552,
35.8362


 86.8844, 87.4456,
93.0745

 23.2812, 22.8592,
24.0190

112.1547,
113.2911, 120.8113

 14.9231, 14.4896,
15.1354


141.9035,
143.7850, 153.5743

 8.8514, 8.4619,
8.7668

176.4961,
179.3117, 191.7822

 4.7007, 4.3919,
4.4947

216.2980,
220.2555, 235.8534

 2.1057, 1.8951,
1.9004

261.6744,

 0.6923, 0.5454,

267.0009, 286.2064

0.4930

312.9908,
319.9322, 343.2599

■ 0.0000, 0.0000,
0.0000

■ 48.3179, 48.1620,
51.0055

■ 48.3179, 48.1620,
51.0055

■ 42.8606, 40.0075,
40.6764

■ 54.5888, 57.5680,
62.7617

■ 38.1797, 33.0455,
31.7171

■ 61.7004, 68.2683,
75.9933

■ 34.2408, 27.2222,
24.0709

■ 69.6839, 80.3117,
90.7502

■ 31.0059, 22.4769,
17.6759

■ 77.0806, 90.7691,
106.5831

■ 28.4331, 18.7433,
12.4654

■ 77.3634, 90.8822,
108.0723

■ 26.4762, 15.9477,
8.3662

■ 25.0832, 14.0065,
5.2971

■ 24.1931, 12.8214,
3.1657

■ 23.7054, 12.2187,
1.8542

Harmonies

Analogous

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



48.2334, 48.1620, 54.7944



48.3179, 48.1620, 51.0055



47.7117, 48.1620, 47.7591

Triad

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



48.3179, 48.1620, 51.0055



44.1114, 48.1620, 47.1620



44.9713, 48.1620, 59.6625

Complementary

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



48.3179, 48.1620, 51.0055



49.3257, 54.5825, 60.7617

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.



43.8944, 48.1620, 57.4177



48.3179, 48.1620, 51.0055



43.4046, 48.1620, 50.1545

Square

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



48.3179, 48.1620, 51.0055



45.2728, 48.1620, 45.6125



43.3259, 48.1620, 53.9016



46.2840, 48.1620, 59.9175

Rectangle

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



48.3179, 48.1620, 51.0055



47.0043, 48.1620, 46.2914



43.3259, 48.1620, 53.9016



44.5704, 48.1620, 59.1108

Sweetspot

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



48.3193, 48.1641, 51.0065



91.5751, 94.7827, 102.4006



49.6007, 48.6093, 60.8016



19.4070, 19.9965, 21.5547



0.0000, 0.0000, 0.0000



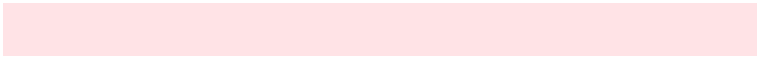
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3193, 48.1641, 51.0065



82.9640, 81.8783, 86.2192



49.6233, 51.1001, 50.4304



10.6784, 10.6548, 11.2899



15.2476, 7.8486, 1.2479



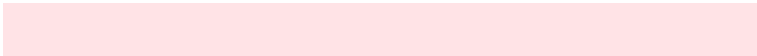
0.7377, 0.3779, 0.1418

Inverse Universe

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



48.3193, 48.1641, 51.0065



82.9640, 81.8783, 86.2192



47.9204, 51.4034, 61.4295



10.6784, 10.6548, 11.2899



15.2476, 7.8486, 1.2479



0.7377, 0.3779, 0.1418

Previews

White Background



This preview shows how the XYZ color 48.3179, 48.1620, 51.0055 looks on a white background.

Color Contrast Check

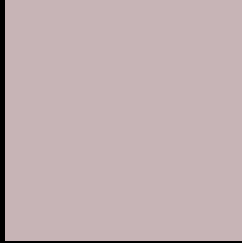
Large Text (above 18pt) WCAG AA × Fail

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 48.3179, 48.1620, 51.0055 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

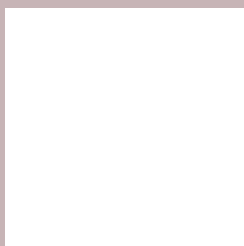
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3179, 48.1620, 51.0055

Background



This preview shows how black text looks on a background with the XYZ color 48.3179, 48.1620, 51.0055.



This preview shows how white text looks on a background with the XYZ color 48.3179, 48.1620,

51.0055.

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

48.3179, 48.1620, 51.0055

Protanopia

46.5313, 48.4330, 52.2435

Deuteranopia

49.1922, 48.3141, 50.9888



Tritanopia

49.2542, 47.9259, 56.5238

Trichromacy



Original Color

48.3179, 48.1620, 51.0055

Protanomaly

47.2190, 48.4923, 51.6710

Deuteranomaly

48.9207, 48.1742, 50.9761

Tritanomaly

49.0166, 48.1504, 54.2875

Monochromacy



Original Color

48.3179, 48.1620, 51.0055

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.3833, 48.8601, 52.8325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3179, 48.1620, 51.0055 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(199, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(199, 180, 182)  
}
```

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(199, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 180, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.3179, 48.1620, 51.0055 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(199, 180, 182) }
```


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

```
.border{ border-color:rgb(199, 180, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 180, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(199, 180,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3179, 48.1620, 51.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 180, 182) }
```

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

```
.background{ background-color: rgb(199,  
180, 182) }
```

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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