

Converting Colors

XYZ(48.1031, 50.2143, 50.8731)

Have a look what the booklet for
XYZ(48.1031, 50.2143, 50.8731)
contains.

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Color

**XYZ(48.1031, 50.2143,
50.8731)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BBB5
RGB	193, 187, 181
RGB Percent	76%, 73%, 71%
CMY	0.2431, 0.2666, 0.2902
CMYK	0.00, 0.03, 0.06, 0.24
HSL	30°, 9%, 73%
HSV	30°, 6%, 76%
XYZ	48.1031, 50.2143, 50.8731
YIQ	188.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

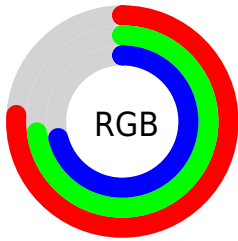
Format	Color
RYB	193, 193, 181
Decimal	12696501
CIELab	76.20, 1.04, 3.77
CIElCh	76, 3.914, 74.582
Yxy	50.2143, 0.3224, 0.3366
Android (android.graphics.Color)	4290886581 (0xFFC1BBB5)
YUV	188.1100, -3.5052, 4.2885
Hunter-Lab	70.8620, -2.8379, 7.0381

Details

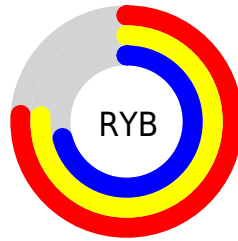
The XYZ color **48.1031, 50.2143, 50.8731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4519, 49.2138, 57.5035**, and the grayscale version is **47.8807, 50.3742, 54.8576**.

A 20% lighter version of the original color is **86.4036, 90.3553, 93.0071**, and **23.0688, 24.0977, 23.8575** is the 20% darker color. If you saturate the color by 10%, you get **44.2811, 45.5225, 40.4962**, and if you desaturate by 10%, it is **52.3398, 55.2951, 62.7429**.

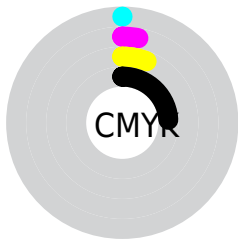
Distribution



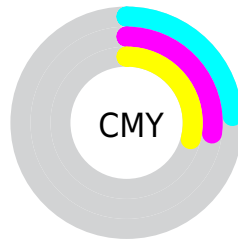
- Red (76%)
- Green (73%)
- Blue (71%)



- Red (76%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1031, 50.2143, 50.8731 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 48.1031, 50.2143, 50.8731 by changing the saturation by 10% instead.

■ 48.1031, 50.2143,
50.8731

■ 48.1031, 50.2143,
50.8731

369.7764,
387.5034, 406.9030

■ 34.1201, 35.5837,
35.7316

■ 86.5667, 90.4923,
92.8767

■ 23.1492, 24.1129,
23.9389

111.7780,
116.9085, 120.5760

■ 14.8250, 15.4174,
15.0765

141.4627,
148.0220, 153.2982

■ 8.7822, 9.1128,
8.7259

175.9864,
184.2173, 191.4619

■ 4.6554, 4.8148,
4.4685

215.7142,
225.8787, 235.4857

■ 2.0792, 2.1390,
1.8857

261.0116,

■ 0.6779, 0.6864,

273.3905, 285.7882

0.4836

312.2439,
327.1373, 342.7878

■ 0.0000, 0.0000,
0.0000

■ 48.1031, 50.2143,
50.8731

■ 48.1031, 50.2143,
50.8731

■ 44.2811, 45.5225,
40.4962

■ 52.3398, 55.2951,
62.7429

■ 40.8555, 41.2033,
31.5491

■ 57.0000, 60.7677,
76.1589

■ 37.8132, 37.2485,
23.9688

■ 62.0978, 66.6434,
91.1757

■ 35.1383, 33.6474,
17.6864

■ 67.1252, 72.7229,
105.1068

■ 32.8138, 30.3882,
12.6268

■ 69.8155, 78.1035,
106.0036

■ 30.8212, 27.4589,
8.7072

■ 72.6556, 83.7836,
106.9502

■ 29.1397, 24.8460,
5.8344

■ 75.6477, 89.7679,
107.9476

■ 27.7457, 22.5347,
3.9001

■ 75.8025, 90.0776,
107.9992

■ 26.6096, 20.5077,
2.7655

Harmonies

Analogous

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



48.7387, 50.2143, 51.8886



48.1031, 50.2143, 50.8731



47.3730, 50.2143, 50.8585

Triad

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



48.1031, 50.2143, 50.8731



46.3754, 50.2143, 55.6979



48.7239, 50.2143, 57.6022

Complementary

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



48.1031, 50.2143, 50.8731



46.4519, 49.2138, 57.5035

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.



48.0831, 50.2143, 58.6774



48.1031, 50.2143, 50.8731



46.7298, 50.2143, 57.5590

Square

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



48.1031, 50.2143, 50.8731



46.3806, 50.2143, 53.6081



47.3532, 50.2143, 58.6614



49.0996, 50.2143, 55.7557

Rectangle

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



48.1031, 50.2143, 50.8731



46.9312, 50.2143, 51.4166



47.3532, 50.2143, 58.6614



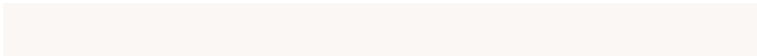
48.5321, 50.2143, 58.0679

Sweetspot

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



48.1045, 50.2165, 50.8742



89.2390, 93.6601, 99.6826



47.4864, 47.9738, 53.7714



19.1613, 20.1131, 21.4315



92.9021, 97.7402, 106.4391



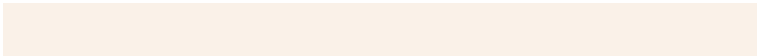
19.4759, 20.4902, 22.3138

Same Dimension

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



48.1045, 50.2165, 50.8742



85.5142, 89.1595, 89.3498



49.4033, 52.8141, 51.3071



10.6452, 11.0930, 11.0639



17.5236, 13.3330, 1.6499



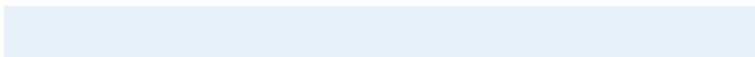
0.8261, 0.7140, 0.0943

Inverse Universe

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



46.4519, 49.2138, 57.5035



82.1498, 87.1182, 102.8460



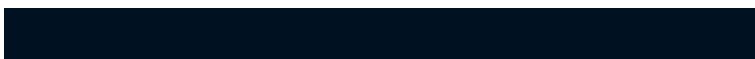
45.2063, 46.7225, 57.0883



10.2033, 10.8249, 12.8365



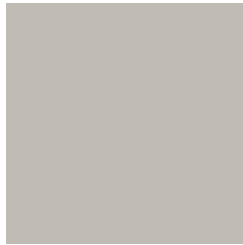
9.2911, 8.3387, 34.6765



0.4704, 0.4982, 1.5213

Previews

White Background



This preview shows how the XYZ color 48.1031, 50.2143, 50.8731 looks on a white background.

Color Contrast Check

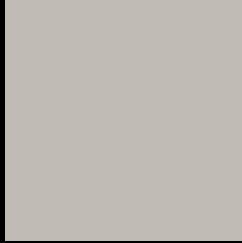
Large Text (above 18pt) WCAG AA × Fail

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 48.1031, 50.2143, 50.8731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

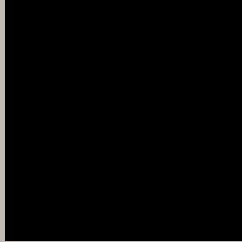
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1031, 50.2143, 50.8731

Background



This preview shows how black text looks on a background with the XYZ color 48.1031, 50.2143, 50.8731.

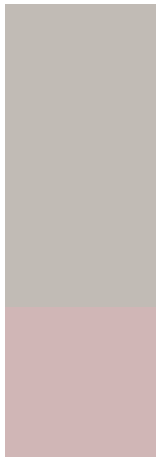


This preview shows how white text looks on a background with the XYZ color 48.1031, 50.2143,

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

48.1031, 50.2143, 50.8731

Protanopia

48.1031, 50.2143, 50.8731

Deuteranopia

51.1839, 50.2432, 51.2562



Tritanopia

50.2142, 50.1403, 61.0643

Trichromacy



Original Color

48.1031, 50.2143, 50.8731

Protanomaly

48.1031, 50.2143, 50.8731

Deuteranomaly

50.2126, 50.3549, 51.3289

Tritanomaly

49.3691, 50.1058, 56.9385

Monochromacy



Original Color

48.1031, 50.2143, 50.8731

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9754, 50.4164, 53.1017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1031, 50.2143, 50.8731 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(193, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 181)  
}
```

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(193, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.1031, 50.2143, 50.8731 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(193, 187, 181) }
```


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

```
.border{ border-color:rgb(193, 187, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 187,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1031, 50.2143, 50.8731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 181) }
```

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

```
.background{ background-color: rgb(193,  
187, 181) }
```

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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