

Converting Colors

XYZ(53.2550, 51.0198, 50.8148)

Have a look what the booklet for
XYZ(53.2550, 51.0198, 50.8148)
contains.

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Color

**XYZ(53.1833, 50.9829,
50.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B5B5
RGB	216, 181, 181
RGB Percent	85%, 71%, 71%
CMY	0.1529, 0.2902, 0.2902
CMYK	0.00, 0.16, 0.16, 0.15
HSL	0°, 31%, 78%
HSV	0°, 16%, 85%
XYZ	53.1833, 50.9829, 50.7537
YIQ	191.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

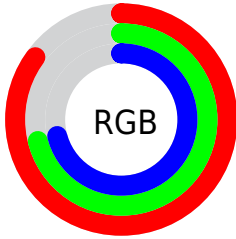
Format	Color
R _Y B	216, 181, 181
Decimal	14202293
CIE Lab	76.67, 12.58, 4.70
CIE LCh	77, 13.433, 20.488
Yxy	50.9829, 0.3433, 0.3291
Android (android.graphics.Color)	4292392373 (0xFFD8B5B5)
YUV	191.4650, -5.1592, 21.5172
Hunter-Lab	71.4023, 7.9999, 7.8375

Details

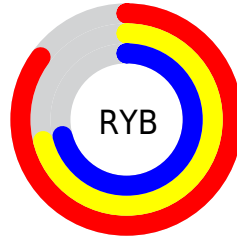
The XYZ color **53.1833, 50.9829, 50.7537** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.0062, 63.8919, 74.3468**, and the grayscale version is **49.8130, 52.4072, 57.0714**.

A 20% lighter version of the original color is **86.8102, 87.9428, 92.5200**, and **26.3134, 24.5739, 23.7784** is the 20% darker color. If you saturate the color by 10%, you get **47.0804, 42.0529, 38.6194**, and if you desaturate by 10%, it is **60.3135, 61.4164, 64.9269**.

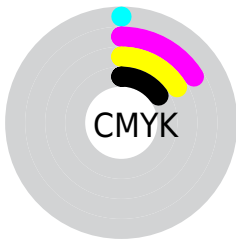
Distribution



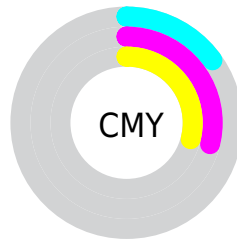
- Red (85%)
- Green (71%)
- Blue (71%)



- Red (85%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1833, 50.9829, 50.7537 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 53.1833, 50.9829, 50.7537 by changing the saturation by 10% instead.


 53.1833, 50.9829,
50.7537

 53.1833, 50.9829,
50.7537


389.2373,
390.4973, 406.4253

 38.1772, 36.1950,
35.6373

 94.0380, 91.6295,
92.6984

 26.2981, 24.5848,
23.8667


120.6172,
118.2570, 120.3637

 17.1806, 15.7680,
15.0235


151.7849,
149.5998, 153.0490

 10.4594, 9.3601,
8.6891

187.9064,
186.0423, 191.1730

 5.7692, 4.9768,
4.4449

229.3471,
227.9689, 235.1540

 2.7446, 2.2337,
1.8725

276.4722,

 1.0202, 0.7383,

275.7640, 285.4107

0.4751

329.6472,
329.8120, 342.3616

■ 0.0000, 0.0000,
0.0000

■ 53.1833, 50.9829,
50.7537

■ 53.1833, 50.9829,
50.7537

■ 47.0804, 42.0529,
38.6194

■ 60.3135, 61.4164,
64.9269

■ 41.9534, 34.5508,
28.4271

■ 68.5106, 73.4110,
81.2232

■ 37.7531, 28.4045,
20.0772

■ 77.8177, 87.0295,
99.7261

■ 34.4242, 23.5332,
13.4596

■ 82.1291, 93.3390,
108.2953

■ 31.9054, 19.8474,
8.4528

■ 30.1278, 17.2461,
4.9194

■ 29.0107, 15.6113,
2.6992

■ 28.4533, 14.7956,
1.5917

■ 28.3194, 14.5996,
1.3254

Harmonies

Analogous

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



53.4412, 50.9829, 57.8579



53.1833, 50.9829, 50.7537



51.6354, 50.9829, 45.3949

Triad

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



53.1833, 50.9829, 50.7537



44.7829, 50.9829, 47.0712



47.6543, 50.9829, 70.4978

Complementary

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



53.1833, 50.9829, 50.7537



56.0062, 63.8919, 74.3468

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.



45.4132, 50.9829, 67.0299



53.1833, 50.9829, 50.7537



43.7941, 50.9829, 53.2299

Square

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



53.1833, 50.9829, 50.7537



46.7666, 50.9829, 43.4014



44.0207, 50.9829, 60.5582



50.1892, 50.9829, 69.6880

Rectangle

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



53.1833, 50.9829, 50.7537



50.1091, 50.9829, 43.3322



44.0207, 50.9829, 60.5582



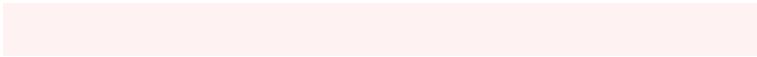
46.8430, 50.9829, 69.7830

Sweetspot

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



53.1847, 50.9852, 50.7548



89.1316, 91.3399, 97.1340



57.2381, 52.6052, 72.1033



18.9067, 19.3000, 20.4504



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.



53.1847, 50.9852, 50.7548



74.6528, 70.1536, 68.3498



56.9686, 58.5529, 52.0161



12.4234, 12.4210, 12.9034



16.7621, 8.6415, 0.7845



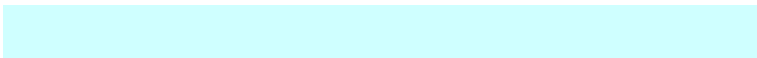
1.0111, 0.5213, 0.0473

Inverse Universe

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



56.0062, 63.8919, 74.3468



79.4148, 91.9372, 108.1678



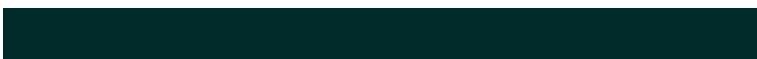
51.7599, 55.3994, 72.9314



12.7921, 14.1077, 15.9864



21.8673, 31.9965, 43.4766



1.3190, 1.9300, 2.6223

Previews

White Background



This preview shows how the XYZ color 53.1833, 50.9829, 50.7537 looks on a white background.

Color Contrast Check

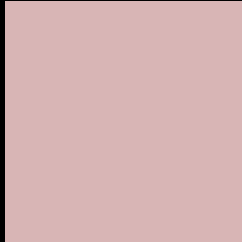
Large Text (above 18pt) WCAG AA × Fail

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 53.1833, 50.9829, 50.7537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

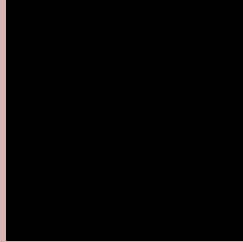
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1833, 50.9829, 50.7537

Background



This preview shows how black text looks on a background with the XYZ color 53.1833, 50.9829, 50.7537.



This preview shows how white text looks on a background with the XYZ color 53.1833, 50.9829,

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

53.1833, 50.9829, 50.7537

Protanopia

49.2027, 51.3673, 53.2206

Deuteranopia

52.1379, 51.0521, 50.8221



Tritanopia

54.6592, 50.9959, 57.4144

Trichromacy



Original Color

53.1833, 50.9829, 50.7537

Protanomaly

50.5678, 51.1351, 52.5522

Deuteranomaly

52.5090, 50.9382, 50.7806

Tritanomaly

54.1218, 51.0684, 55.1488

Monochromacy



Original Color

53.1833, 50.9829, 50.7537

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.5594, 51.4079, 54.2717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1833, 50.9829, 50.7537 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(216, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 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(216, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.1833, 50.9829, 50.7537 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(216, 181, 181) }
```


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

```
.border{ border-color:rgb(216, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1833, 50.9829, 50.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 181) }
```

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

```
.background{ background-color: rgb(216,  
181, 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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