

Converting Colors

XYZ(52.8465, 51.7177, 48.1262)

Have a look what the booklet for
XYZ(52.8465, 51.7177, 48.1262)
contains.

XYZ(53.0013, 51.8626, 48.2913)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0013, 51.8626,
48.2913)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B8B0
RGB	215, 184, 176
RGB Percent	84%, 72%, 69%
CMY	0.1569, 0.2784, 0.3098
CMYK	0.00, 0.14, 0.18, 0.16
HSL	12°, 33%, 77%
HSV	12°, 18%, 84%
XYZ	53.0013, 51.8626, 48.2913
YIQ	192.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

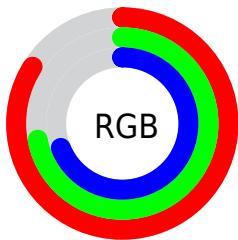
Format	Color
RYB	215, 186, 176
Decimal	14137520
CIELab	77.20, 9.83, 8.17
CIELCh	77, 12.778, 39.717
Yxy	51.8626, 0.3461, 0.3386
Android (android.graphics.Color)	4292327600 (0xFFD7B8B0)
YUV	192.3570, -8.0640, 19.8579
Hunter-Lab	72.0157, 5.3430, 10.6531

Details

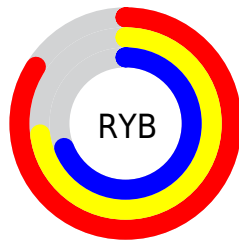
The XYZ color **53.0013, 51.8626, 48.2913** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.4827, 58.7608, 72.8663**, and the grayscale version is **50.3498, 52.9719, 57.6864**.

A 20% lighter version of the original color is **86.9656, 89.4064, 89.0175**, and **26.2516, 25.1614, 22.5418** is the 20% darker color. If you saturate the color by 10%, you get **47.7027, 44.4042, 36.8479**, and if you desaturate by 10%, it is **59.0684, 60.3180, 61.6544**.

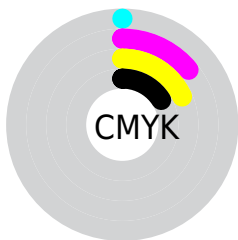
Distribution



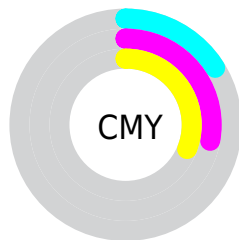
- Red (84%)
- Green (72%)
- Blue (69%)



- Red (84%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (16%)




- Cyan (16%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0013, 51.8626, 48.2913 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 53.0013, 51.8626, 48.2913 by changing the saturation by 10% instead.


 53.0013, 51.8626,
48.2913

 53.0013, 51.8626,
48.2913


388.5509,
393.9059, 396.4876

 38.0313, 36.8956,
33.6960

 93.7718, 92.9286,
89.0080

 26.1843, 25.1266,
22.3847


120.3030,
119.7963, 115.9665

 17.0950, 16.1714,
13.9388

151.4186,
151.3997, 147.8832

 10.3979, 9.6455,
7.9399

187.4841,
188.1232, 185.1765

 5.7279, 5.1646,
3.9693

228.8647,
230.3512, 228.2651

 2.7194, 2.3442,
1.6085

275.9258,

 1.0072, 0.7969,

278.4680, 277.5674

0.2969

329.0327,
332.8582, 333.5021

■ 0.0000, 0.0000,
0.0000

■ 53.0013, 51.8626,
48.2913

■ 53.0013, 51.8626,
48.2913

■ 47.7027, 44.4042,
36.8479

■ 59.0684, 60.3180,
61.6544

■ 43.1375, 37.8991,
27.2324

■ 65.9292, 69.7982,
77.0164

■ 39.2737, 32.3105,
19.3506

■ 73.6125, 80.3386,
94.4564

■ 36.0757, 27.5967,
13.0984

■ 80.9968, 91.5117,
108.0023

■ 33.5042, 23.7125,
8.3605

■ 81.8346, 93.1872,
108.2815

■ 31.5158, 20.6088,
5.0062

■ 30.0610, 18.2307,
2.8828

■ 29.0752, 16.5134,
1.7699

■ 28.9299, 16.2578,
1.6133

Harmonies

Analogous

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



54.0771, 51.8626, 54.2261



53.0013, 51.8626, 48.2913



50.9425, 51.8626, 44.7525

Triad

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



53.0013, 51.8626, 48.2913



45.0120, 51.8626, 51.9272



50.0921, 51.8626, 70.8156

Complementary

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



53.0013, 51.8626, 48.2913



52.4827, 58.7608, 72.8663

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.



47.6812, 51.8626, 70.0716



53.0013, 51.8626, 48.2913



44.8013, 51.8626, 58.7740

Square

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



53.0013, 51.8626, 48.2913



46.3488, 51.8626, 46.7282



45.7634, 51.8626, 65.5226



52.3611, 51.8626, 67.4786

Rectangle

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



53.0013, 51.8626, 48.2913



49.3170, 51.8626, 44.0411



45.7634, 51.8626, 65.5226



49.2707, 51.8626, 71.0404

Sweetspot

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



53.0027, 51.8649, 48.2924



89.9167, 92.9100, 97.3957



54.8372, 50.0132, 65.9236



19.0966, 19.6800, 20.5137



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.



53.0027, 51.8649, 48.2924



74.6860, 71.6764, 63.8705



57.2882, 60.4360, 49.7209



12.6277, 12.8295, 12.9715



17.3648, 9.8469, 0.9854



1.1076, 0.7143, 0.0795

Inverse Universe

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



52.4827, 58.7608, 72.8663



73.7731, 83.7413, 106.8832



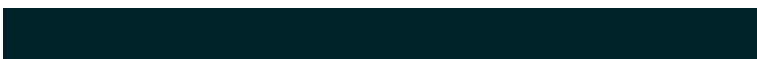
48.0901, 49.9755, 71.4021



12.5657, 13.6548, 15.9109



16.1106, 20.4829, 41.5576



1.0276, 1.3471, 2.5252

Previews

White Background



This preview shows how the XYZ color 53.0013, 51.8626, 48.2913 looks on a white background.

Color Contrast Check

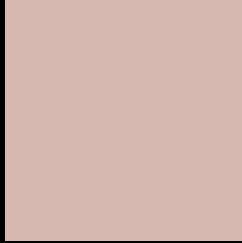
Large Text (above 18pt) WCAG AA × Fail

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 53.0013, 51.8626, 48.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

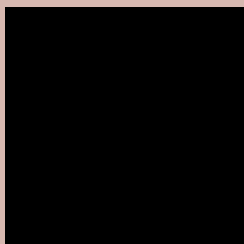
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0013, 51.8626, 48.2913

Background



This preview shows how black text looks on a background with the XYZ color 53.0013, 51.8626, 48.2913.



This preview shows how white text looks on a background with the XYZ color 53.0013, 51.8626, 48.2913.

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

53.0013, 51.8626, 48.2913

Protanopia

49.5761, 51.9519, 50.0626

Deuteranopia

53.0013, 51.8626, 48.2913



Tritanopia

54.9895, 51.7396, 58.7182

Trichromacy



Original Color

53.0013, 51.8626, 48.2913

Protanomaly

50.9209, 52.0182, 49.4762

Deuteranomaly

53.0013, 51.8626, 48.2913

Tritanomaly

54.1240, 51.6857, 54.7006

Monochromacy



Original Color

53.0013, 51.8626, 48.2913

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.8799, 52.2197, 53.8521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0013, 51.8626, 48.2913 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(215, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(215, 184, 176)  
}
```

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(215, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 184, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.0013, 51.8626, 48.2913 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(215, 184, 176) }
```


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

```
.border{ border-color:rgb(215, 184, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 184, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(215, 184,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0013, 51.8626, 48.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 184, 176) }
```

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

```
.background{ background-color: rgb(215,  
184, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor