

Converting Colors

XYZ(53.5309, 50.7637, 55.1211)

Have a look what the booklet for
XYZ(53.5309, 50.7637, 55.1211)
contains.

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Color

**XYZ(53.5309, 50.7637,
55.1211)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B4BD
RGB	215, 180, 189
RGB Percent	84%, 71%, 74%
CMY	0.1569, 0.2941, 0.2588
CMYK	0.00, 0.16, 0.12, 0.16
HSL	345°, 30%, 77%
HSV	345°, 16%, 84%
XYZ	53.5309, 50.7637, 55.1211
YIQ	191.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

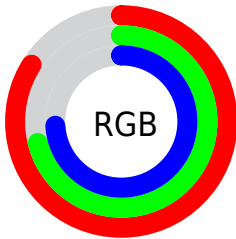
Format	Color
R _Y B	215, 180, 189
Decimal	14136509
CIE Lab	76.54, 14.05, 0.15
CIE LCh	77, 14.053, 0.597
Yxy	50.7637, 0.3358, 0.3184
Android (android.graphics.Color)	4292326589 (0xFFD7B4BD)
YUV	191.4910, -1.2281, 20.6174
Hunter-Lab	71.2486, 9.4264, 4.0047

Details

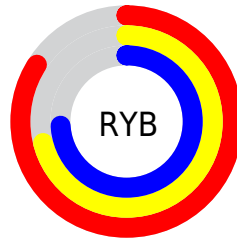
The XYZ color **53.5309, 50.7637, 55.1211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2654, 62.7617, 67.6497**, and the grayscale version is **49.8071, 52.4010, 57.0647**.

A 20% lighter version of the original color is **87.7169, 87.8435, 98.7185**, and **26.5305, 24.4299, 26.6097** is the 20% darker color. If you saturate the color by 10%, you get **47.8833, 42.0918, 45.1502**, and if you desaturate by 10%, it is **60.0456, 60.8630, 66.3244**.

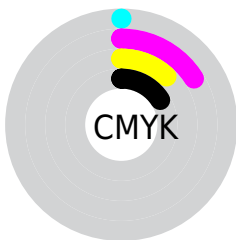
Distribution



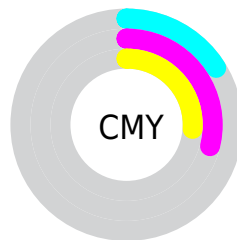
- Red (84%)
- Green (71%)
- Blue (74%)



- Red (84%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5309, 50.7637, 55.1211 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 53.5309, 50.7637, 55.1211 by changing the saturation by 10% instead.


 53.5309, 50.7637,
55.1211

 53.5309, 50.7637,
55.1211


390.5463,
389.6450, 423.6657

 38.4559, 36.0206,
39.0994

 94.5461, 91.3054,
99.1913

 26.5156, 24.4501,
26.5287


121.2170,
117.8727, 128.0769

 17.3444, 15.6678,
16.9902


152.4839,
149.1503, 162.0876

 10.5772, 9.2894,
10.0657

188.7122,
185.5225, 201.6418

 5.8485, 4.9304,
5.3363

230.2672,
227.3736, 247.1582

 2.7929, 2.2065,
2.3838

277.5143,

 1.0452, 0.7235,

275.0882, 299.0553

0.7776

330.8189,
329.0505, 357.7516

■ 0.0000, 0.0000,
0.0000

■ 53.5309, 50.7637,
55.1211

■ 53.5309, 50.7637,
55.1211

■ 47.8833, 42.0918,
45.1502

■ 60.0456, 60.8630,
66.3244

■ 43.0614, 34.7761,
36.3657

■ 67.4579, 72.4431,
78.7976

■ 39.0269, 28.7497,
28.7235

■ 75.8021, 85.5629,
92.5803

■ 35.7363, 23.9369,
22.1751

■ 81.4973, 93.0523,
106.5056

■ 33.1423, 20.2545,
16.6689

■ 81.8346, 93.1872,
108.2815

■ 31.1916, 17.6084,
12.1484

■ 29.8227, 15.8894,
8.5513

■ 28.9596, 14.9602,
5.8067

■ 28.7207, 14.7256,
4.9769

Harmonies

Analogous

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



52.8302, 50.7637, 62.7586



53.5309, 50.7637, 55.1211



52.7738, 50.7637, 48.1670

Triad

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



53.5309, 50.7637, 55.1211



45.6998, 50.7637, 43.6297



45.7886, 50.7637, 68.9991

Complementary

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



53.5309, 50.7637, 55.1211



54.2654, 62.7617, 67.6497

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.



43.9912, 50.7637, 63.0457



53.5309, 50.7637, 55.1211



43.9413, 50.7637, 48.4077

Square

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



53.5309, 50.7637, 55.1211



48.1963, 50.7637, 41.9164



43.3272, 50.7637, 55.4253



48.3025, 50.7637, 71.2025

Rectangle

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



53.5309, 50.7637, 55.1211



51.5597, 50.7637, 44.7377



43.3272, 50.7637, 55.4253



45.0839, 50.7637, 67.3447

Sweetspot

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



53.5323, 50.7660, 55.1222



89.6287, 91.5380, 99.7537



53.9499, 50.6254, 71.2188



19.0270, 19.3480, 21.0845



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.



53.5323, 50.7660, 55.1222



75.3716, 69.4612, 75.1557



54.2831, 53.7822, 50.7027



12.5530, 12.4727, 13.5861



17.2150, 8.8223, 3.1705



1.0722, 0.5457, 0.3698

Inverse Universe

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



53.5323, 50.7660, 55.1222



75.3716, 69.4612, 75.1557



53.3624, 59.1561, 72.8964



12.5530, 12.4727, 13.5861



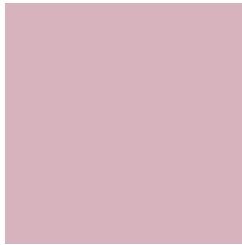
17.2150, 8.8223, 3.1705



1.0722, 0.5457, 0.3698

Previews

White Background



This preview shows how the XYZ color 53.5309, 50.7637, 55.1211 looks on a white background.

Color Contrast Check

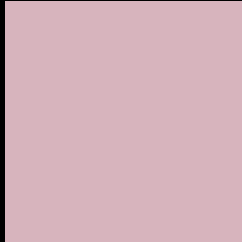
Large Text (above 18pt) WCAG AA × Fail

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 53.5309, 50.7637, 55.1211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

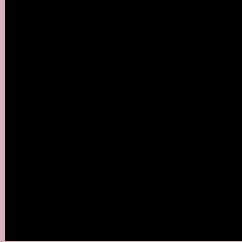
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5309, 50.7637, 55.1211

Background



This preview shows how black text looks on a background with the XYZ color 53.5309, 50.7637, 55.1211.



This preview shows how white text looks on a background with the XYZ color 53.5309, 50.7637,

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

53.5309, 50.7637, 55.1211

Protanopia

49.2067, 50.9378, 58.2775

Deuteranopia

51.7427, 50.7632, 54.6481



Tritanopia

54.0646, 50.6894, 57.3866

Trichromacy



Original Color

53.5309, 50.7637, 55.1211

Protanomaly

50.6828, 50.7831, 57.0000

Deuteranomaly

52.3834, 50.7884, 54.6192

Tritanomaly

53.9534, 50.6449, 56.8010

Monochromacy



Original Color

53.5309, 50.7637, 55.1211

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8840, 51.5377, 55.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5309, 50.7637, 55.1211 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, 180, 189) looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 189)  
}
```

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, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.5309, 50.7637, 55.1211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

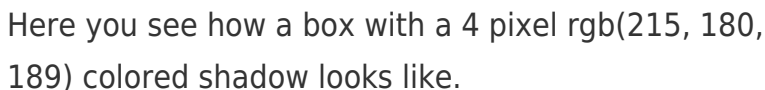
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 180, 189) }
```


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

```
.border{ border-color:rgb(215, 180, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 180, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 180, 189); box-shadow:4px 4px 4px 4px rgb(215, 180, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5309, 50.7637, 55.1211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 180, 189) }
```

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

```
.background{ background-color: rgb(215,  
180, 189) }
```

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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