

Converting Colors

XYZ(53.2491, 50.8905, 63.3541)

Have a look what the booklet for
XYZ(53.2491, 50.8905, 63.3541)
contains.

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Color

**XYZ(53.5199, 51.1776,
63.5574)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B6CB
RGB	208, 182, 203
RGB Percent	82%, 71%, 80%
CMY	0.1843, 0.2863, 0.2039
CMYK	0.00, 0.12, 0.02, 0.18
HSL	312°, 22%, 76%
HSV	312°, 12%, 82%
XYZ	53.5199, 51.1776, 63.5574
YIQ	192.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

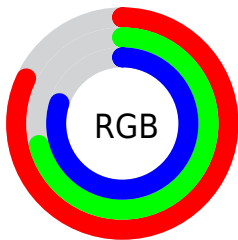
Format	Color
R_{YB}	208, 182, 203
Decimal	13678283
CIE _{Lab}	76.79, 12.94, -7.17
CIE _{LCh}	77, 14.797, 331.014
Yxy	51.1776, 0.3181, 0.3042
Android (android.graphics.Color)	4291868363 (0xFFD0B6CB)
YUV	192.1680, 5.3402, 13.8847
Hunter-Lab	71.5385, 8.3483, -2.5984

Details

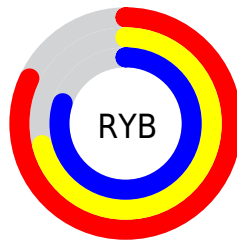
The XYZ color **53.5199, 51.1776, 63.5574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8189, 58.6462, 55.6579**, and the grayscale version is **50.1685, 52.7812, 57.4787**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **26.4119, 24.6427, 31.7982** is the 20% darker color. If you saturate the color by 10%, you get **49.1024, 43.0950, 59.7634**, and if you desaturate by 10%, it is **58.5854, 60.5350, 67.6294**.

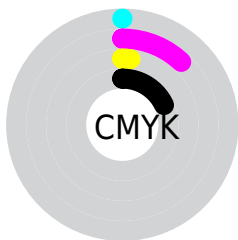
Distribution



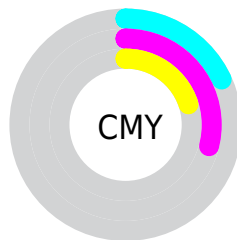
- Red (82%)
- Green (71%)
- Blue (80%)



- Red (82%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5199, 51.1776, 63.5574 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 53.5199, 51.1776, 63.5574 by changing the saturation by 10% instead.

■ 53.5199, 51.1776,
63.5574

■ 53.5199, 51.1776,
63.5574

390.5049,
391.2534, 455.7531

■ 38.4471, 36.3500,
45.8484

■ 94.5300, 91.9172,
111.5666

■ 26.5087, 24.7046,
31.7784

121.1980,
118.5980, 142.7039

■ 17.3392, 15.8571,
20.9289

152.4618,
149.9987, 179.1543

■ 10.5735, 9.4231,
12.8813

188.6867,
186.5036, 221.3365

■ 5.8460, 5.0182,
7.2171

230.2381,
228.4971, 269.6689

■ 2.7914, 2.2579,
3.5177

277.4814,

■ 1.0444, 0.7513,

276.3636, 324.5701

1.3647

330.7819,
330.4876, 386.4587

■ 0.0000, 0.0000,
0.1139

■ 0.0000, 0.0000,
0.0000

■ 53.5199, 51.1776,
63.5574

■ 53.5199, 51.1776,
63.5574

■ 49.1024, 43.0950,
59.7634

■ 58.5854, 60.5350,
67.6294

■ 45.3004, 36.2248,
56.2342

■ 64.3207, 71.2127,
71.9851

■ 42.0857, 30.5096,
52.9606

■ 70.7517, 83.2621,
76.6344

■ 39.4256, 25.8845,
49.9311

■ 74.5595, 90.0448,
80.4712

37.2845, 22.2783,
47.1336

75.0927, 90.2581,
83.2790

35.6224, 19.6111,
44.5542

75.6387, 90.4764,
86.1540

34.3935, 17.7914,
42.1770

76.1975, 90.7000,
89.0965

33.5426, 16.7092,
39.9833

76.7692, 90.9286,
92.1071

33.0802, 16.2371,
38.4337

77.3539, 91.1625,
95.1862

Harmonies

Analogous

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



51.4779, 51.1776, 70.0535



53.5199, 51.1776, 63.5574



54.2430, 51.1776, 55.4505

Triad

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



53.5199, 51.1776, 63.5574



48.5473, 51.1776, 41.6497



44.1609, 51.1776, 64.0762

Complementary

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



53.5199, 51.1776, 63.5574



50.8189, 58.6462, 55.6579

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.



43.4419, 51.1776, 55.9978



53.5199, 51.1776, 63.5574



45.9137, 51.1776, 43.4948

Square

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



53.5199, 51.1776, 63.5574



51.3062, 51.1776, 43.2632



44.0713, 51.1776, 48.5617



46.0731, 51.1776, 70.3728

Rectangle

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



53.5199, 51.1776, 63.5574



53.8587, 51.1776, 50.3609



44.0713, 51.1776, 48.5617



43.7750, 51.1776, 61.4543

Sweetspot

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



53.5214, 51.1798, 63.5585



91.5676, 93.5381, 106.1889



48.5518, 48.5479, 66.4871



19.4632, 19.7691, 22.6214



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.



53.5214, 51.1798, 63.5585



82.8764, 77.5121, 99.1101



52.0620, 50.5961, 55.8732



12.2092, 11.9684, 14.3776



20.6513, 10.1334, 24.1337



1.1803, 0.5769, 1.4845

Inverse Universe

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



53.5214, 51.1798, 63.5585



82.8764, 77.5121, 99.1101



52.2471, 59.2174, 63.1786



12.2092, 11.9684, 14.3776



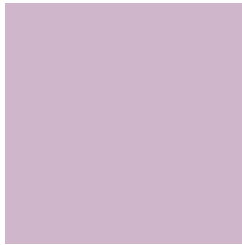
20.6513, 10.1334, 24.1337



1.1803, 0.5769, 1.4845

Previews

White Background



This preview shows how the XYZ color 53.5199, 51.1776, 63.5574 looks on a white background.

Color Contrast Check

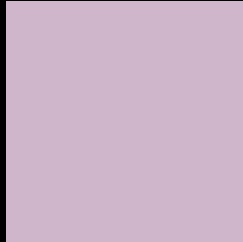
Large Text (above 18pt) WCAG AA × Fail

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 53.5199, 51.1776, 63.5574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

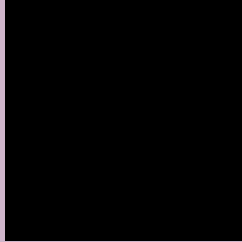
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5199, 51.1776, 63.5574

Background



This preview shows how black text looks on a background with the XYZ color 53.5199, 51.1776, 63.5574.



This preview shows how white text looks on a background with the XYZ color 53.5199, 51.1776,

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

53.5199, 51.1776, 63.5574

Protanopia

49.9847, 51.1628, 66.2724

Deuteranopia

52.2771, 51.1493, 63.6174



Tritanopia

52.7437, 51.1636, 59.9190

Trichromacy



Original Color

53.5199, 51.1776, 63.5574

Protanomaly

51.2052, 51.1761, 65.5717

Deuteranomaly

52.6148, 51.0161, 63.5739

Tritanomaly

52.9744, 51.2559, 61.1342

Monochromacy



Original Color

53.5199, 51.1776, 63.5574

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.2357, 51.9577, 59.5530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5199, 51.1776, 63.5574 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(208, 182, 203) looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 203)  
}
```

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(208, 182, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.5199, 51.1776, 63.5574 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(208, 182, 203) }
```


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

```
.border{ border-color:rgb(208, 182, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5199, 51.1776, 63.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 203) }
```

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

```
.background{ background-color: rgb(208,  
182, 203) }
```

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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