

Converting Colors

XYZ(51.5401, 50.7140, 66.1071)

Have a look what the booklet for
XYZ(51.5401, 50.7140, 66.1071)
contains.

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Color

**XYZ(51.4289, 50.6563,
66.0985)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B8CF
RGB	197, 184, 207
RGB Percent	77%, 72%, 81%
CMY	0.2274, 0.2784, 0.1882
CMYK	0.05, 0.11, 0.00, 0.19
HSL	274°, 19%, 77%
HSV	274°, 11%, 81%
XYZ	51.4289, 50.6563, 66.0985
YIQ	190.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

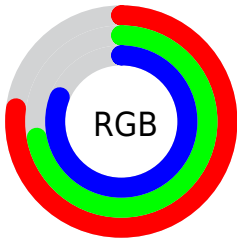
Format	Color
R_{YB}	197, 184, 207
Decimal	12957903
CIE _{Lab}	76.47, 8.86, -9.91
CIE _{LCh}	76, 13.294, 311.778
Yxy	50.6563, 0.3058, 0.3012
Android (android.graphics.Color)	4291147983 (0xFFC5B8CF)
YUV	190.5090, 8.1301, 5.6926
Hunter-Lab	71.1732, 4.4287, -5.2413

Details

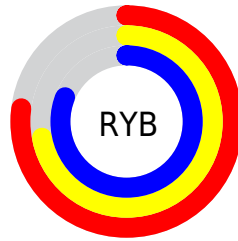
The XYZ color **51.4289, 50.6563, 66.0985** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2146, 59.5570, 54.0409**, and the grayscale version is **49.1927, 51.7546, 56.3608**.

A 20% lighter version of the original color is **90.0831, 90.6110, 107.3495**, and **25.1938, 24.3721, 33.5134** is the 20% darker color. If you saturate the color by 10%, you get **45.1530, 41.4991, 64.6625**, and if you desaturate by 10%, it is **58.4777, 61.1488, 67.7530**.

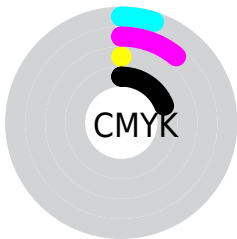
Distribution



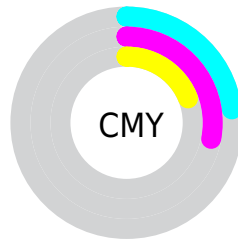
- Red (77%)
- Green (72%)
- Blue (81%)



- Red (77%)
- Yellow (72%)
- Blue (81%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4289, 50.6563, 66.0985 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 51.4289, 50.6563, 66.0985 by changing the saturation by 10% instead.

■ 51.4289, 50.6563,
66.0985

■ 51.4289, 50.6563,
66.0985

382.5881,
389.2270, 465.1429

■ 36.7725, 35.9352,
47.8954

■ 91.4677, 91.1465,
115.2560

■ 25.2043, 24.3841,
33.3846

117.5807,
117.6844, 147.0476

■ 16.3588, 15.6188,
22.1477

148.2434,
148.9299, 184.2056

■ 9.8709, 9.2548,
13.7661

183.8210,
185.2676, 227.1487

■ 5.3750, 4.9078,
7.8213

224.6789,
227.0817, 276.2955

■ 2.5060, 2.1932,
3.8947

271.1825,

■ 0.8983, 0.7163,

274.7567, 332.0644

1.5678

323.6971,
328.6770, 394.8740

■ 0.0000, 0.0000,
0.2677

■ 0.0000, 0.0000,
0.0000

■ 51.4289, 50.6563,
66.0985

■ 51.4289, 50.6563,
66.0985

■ 45.1530, 41.4991,
64.6625

■ 58.4777, 61.1488,
67.7530

■ 39.6160, 33.6150,
63.4326

■ 66.3229, 73.0223,
69.6313

■ 34.7875, 26.9464,
62.3999

■ 74.9924, 86.3286,
71.7428

■ 30.6334, 21.4288,
61.5538

■ 80.6289, 93.3497,
72.8009

■ 27.1164, 16.9914,
60.8827

■ 83.6431, 94.9036,
72.9420

■ 24.1949, 13.5554,
60.3735

■ 86.8094, 96.5359,
73.0902

■ 21.8219, 11.0307,
60.0112

■ 88.2626, 97.2851,
73.1582

■ 19.9418, 9.3102,
59.7782

■ 18.5973, 8.2862,
59.6514

Harmonies

Analogous

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



49.1374, 50.6563, 69.7957



51.4289, 50.6563, 66.0985



52.8699, 50.6563, 59.5841

Triad

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



51.4289, 50.6563, 66.0985



49.6696, 50.6563, 43.0611



43.5833, 50.6563, 58.0206

Complementary

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



51.4289, 50.6563, 66.0985



53.2146, 59.5570, 54.0409

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.



43.7146, 50.6563, 50.9531



51.4289, 50.6563, 66.0985



47.1706, 50.6563, 42.7216

Square

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



51.4289, 50.6563, 66.0985



51.8301, 50.6563, 46.4648



45.0083, 50.6563, 45.4933



44.6432, 50.6563, 64.8687

Rectangle

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



51.4289, 50.6563, 66.0985



53.1250, 50.6563, 54.7292



45.0083, 50.6563, 45.4933



43.4907, 50.6563, 55.5852

Sweetspot

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



51.4304, 50.6585, 66.0996



91.4446, 94.5903, 108.0459



50.4014, 53.4369, 66.6901



19.3709, 19.9441, 23.0786



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.



51.4304, 50.6585, 66.0996



80.2656, 78.0107, 105.4349



53.9964, 51.9975, 65.4885



11.7938, 11.7425, 14.8886



11.8273, 5.2775, 37.5878



0.7514, 0.3416, 2.1059

Inverse Universe

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



52.6120, 51.4437, 58.1982



82.5003, 79.4944, 90.5545



50.8547, 58.3264, 54.5623



12.0191, 11.8924, 13.3766



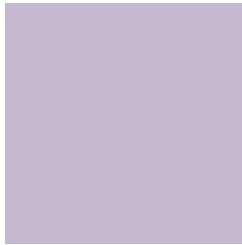
17.4211, 8.8413, 7.1236



1.0136, 0.5101, 0.6063

Previews

White Background



This preview shows how the XYZ color 51.4289, 50.6563, 66.0985 looks on a white background.

Color Contrast Check

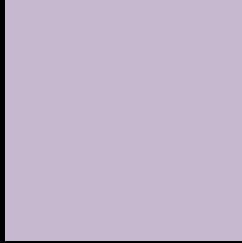
Large Text (above 18pt) WCAG AA × Fail

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 51.4289, 50.6563, 66.0985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

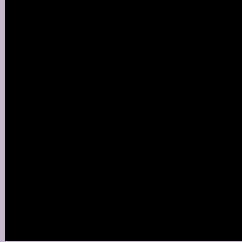
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4289, 50.6563, 66.0985

Background



This preview shows how black text looks on a background with the XYZ color 51.4289, 50.6563, 66.0985.



This preview shows how white text looks on a background with the XYZ color 51.4289, 50.6563,

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

51.4289, 50.6563, 66.0985

Protanopia

49.5286, 50.5832, 67.4747

Deuteranopia

51.4847, 50.3777, 66.0418



Tritanopia

50.5392, 50.6038, 61.7474

Trichromacy



Original Color

51.4289, 50.6563, 66.0985

Protanomaly

50.1793, 50.6190, 66.8002

Deuteranomaly

51.4847, 50.3777, 66.0418

Tritanomaly

50.8934, 50.7455, 63.6124

Monochromacy



Original Color

51.4289, 50.6563, 66.0985

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0536, 51.3351, 60.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4289, 50.6563, 66.0985 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(197, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 207)  
}
```

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(197, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 207) }
```

Border

The CSS property to change the border of an element to XYZ 51.4289, 50.6563, 66.0985 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(197, 184, 207) }
```


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

```
.border{ border-color:rgb(197, 184, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4289, 50.6563, 66.0985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 207) }
```

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

```
.background{ background-color: rgb(197,  
184, 207) }
```

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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