

Converting Colors

XYZ(53.0962, 49.8567, 65.9016)

Have a look what the booklet for
XYZ(53.0962, 49.8567, 65.9016)
contains.

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Color

**XYZ(53.1147, 50.0106,
65.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB3CF
RGB	207, 179, 207
RGB Percent	81%, 70%, 81%
CMY	0.1882, 0.2980, 0.1882
CMYK	0.00, 0.14, 0.00, 0.19
HSL	300°, 23%, 76%
HSV	300°, 14%, 81%
XYZ	53.1147, 50.0106, 65.8850
YIQ	190.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

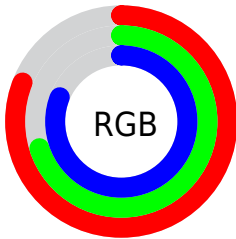
Format	Color
R _Y B	207, 179, 207
Decimal	13611983
CIE Lab	76.08, 14.96, -10.41
CIE LCh	76, 18.228, 325.167
Yxy	50.0106, 0.3143, 0.2959
Android (android.graphics.Color)	4291802063 (0xFFCFB3CF)
YUV	190.5640, 8.1029, 14.4144
Hunter-Lab	70.7182, 10.3102, -5.7352

Details

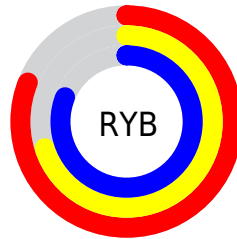
The XYZ color **53.1147, 50.0106, 65.8850** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0419, 57.4655, 51.1577**, and the grayscale version is **49.2217, 51.7850, 56.3939**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **26.3475, 23.9939, 33.3796** is the 20% darker color. If you saturate the color by 10%, you get **49.2740, 42.3284, 64.6052**, and if you desaturate by 10%, it is **57.5811, 58.9427, 67.3745**.

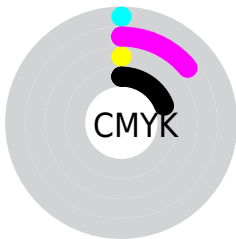
Distribution



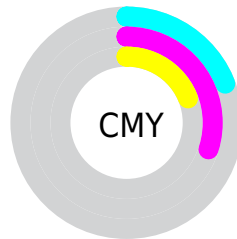
- Red (81%)
- Green (70%)
- Blue (81%)



- Red (81%)
- Yellow (70%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1147, 50.0106, 65.8850 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 53.1147, 50.0106, 65.8850 by changing the saturation by 10% instead.

■ 53.1147, 50.0106,
65.8850

■ 53.1147, 50.0106,
65.8850

388.9787,
386.7074, 464.3585

■ 38.1222, 35.4218,
47.7232

■ 93.9377, 90.1906,
114.9467

■ 26.2552, 23.9880,
33.2493

120.4988,
116.5506, 146.6836

■ 17.1483, 15.3247,
22.0448

151.6469,
147.6031, 183.7827

■ 10.4363, 9.0476,
13.6912

187.7473,
183.7325, 226.6624

■ 5.7536, 4.7722,
7.7699

229.1653,
225.3233, 275.7412

■ 2.7351, 2.1143,
3.8624

276.2663,

■ 1.0153, 0.6726,

272.7598, 331.4379

1.5502

329.4156,
326.4263, 394.1708

■ 0.0000, 0.0000,
0.2549

■ 0.0000, 0.0000,
0.0000

■ 53.1147, 50.0106,
65.8850

■ 53.1147, 50.0106,
65.8850

■ 49.2740, 42.3284,
64.6052

■ 57.5811, 58.9427,
67.3745

■ 46.0269, 35.8343,
63.5228

■ 62.6948, 69.1700,
69.0792

■ 43.3452, 30.4709,
62.6288

■ 68.4816, 80.7436,
71.0082

■ 41.1966, 26.1737,
61.9124

■ 72.7552, 89.2907,
72.4329

39.5454, 22.8714,
61.3619

72.7552, 89.2907,
72.4330

38.3519, 20.4844,
60.9640

72.7553, 89.2907,
72.4331

37.5700, 18.9206,
60.7032

72.7553, 89.2907,
72.4332

37.1441, 18.0688,
60.5611

72.7553, 89.2907,
72.4333

36.9949, 17.7706,
60.5114

72.7553, 89.2907,
72.4335

Harmonies

Analogous

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



50.3735, 50.0106, 73.2550



53.1147, 50.0106, 65.8850



54.3630, 50.0106, 56.0488

Triad

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



53.1147, 50.0106, 65.8850



48.0876, 50.0106, 37.8195



41.8488, 50.0106, 62.8254

Complementary

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



53.1147, 50.0106, 65.8850



49.0419, 57.4655, 51.1577

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.



41.3015, 50.0106, 52.8879



53.1147, 50.0106, 65.8850



44.8024, 50.0106, 39.1795

Square

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



53.1147, 50.0106, 65.8850



51.3736, 50.0106, 40.4623



42.3578, 50.0106, 44.4264



43.8899, 50.0106, 71.3459

Rectangle

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



53.1147, 50.0106, 65.8850



54.1393, 50.0106, 49.6916



42.3578, 50.0106, 44.4264



41.4883, 50.0106, 59.5093

Sweetspot

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



53.1162, 50.0128, 65.8861



91.8819, 93.6639, 107.8439



45.9752, 46.3315, 65.5520



19.5431, 19.8010, 23.0419



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.



53.1162, 50.0128, 65.8861



83.3872, 76.6744, 105.0121



51.4795, 49.3581, 57.2677



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1243



1.3032, 0.6260, 2.1317

Inverse Universe

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



53.1162, 50.0128, 65.8861



83.3872, 76.6744, 105.0121



50.5306, 58.0610, 58.9975



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1243



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 53.1147, 50.0106, 65.8850 looks on a white background.

Color Contrast Check

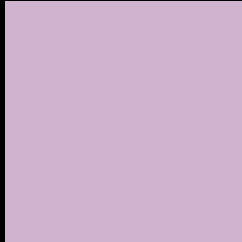
Large Text (above 18pt) WCAG AA × Fail

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 53.1147, 50.0106, 65.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

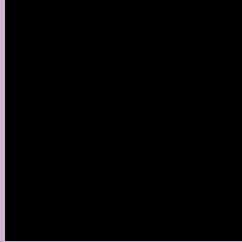
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1147, 50.0106, 65.8850

Background



This preview shows how black text looks on a background with the XYZ color 53.1147, 50.0106, 65.8850.



This preview shows how white text looks on a background with the XYZ color 53.1147, 50.0106,

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

53.1147, 50.0106, 65.8850

Protanopia

49.2097, 50.0616, 69.3566

Deuteranopia

51.1000, 50.1935, 65.3876



Tritanopia

51.5510, 49.9670, 58.5573

Trichromacy



Original Color

53.1147, 50.0106, 65.8850

Protanomaly

50.3046, 49.7266, 67.9196

Deuteranomaly

51.9559, 50.3296, 65.3687

Tritanomaly

52.0837, 49.8878, 60.9170

Monochromacy



Original Color

53.1147, 50.0106, 65.8850

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8743, 51.4422, 60.0713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1147, 50.0106, 65.8850 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(207, 179, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 179, 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(207, 179, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 179, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.1147, 50.0106, 65.8850 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(207, 179, 207) }
```


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

```
.border{ border-color:rgb(207, 179, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 179, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 179, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 179, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 179,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1147, 50.0106, 65.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 179, 207) }
```

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

```
.background{ background-color: rgb(207,  
179, 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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