

Converting Colors

XYZ(53.9125, 50.6194, 70.5474)

Have a look what the booklet for
XYZ(53.9125, 50.6194, 70.5474)
contains.

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Color

**XYZ(53.9125, 50.6194,
70.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB4D6
RGB	206, 180, 214
RGB Percent	81%, 71%, 84%
CMY	0.1922, 0.2941, 0.1608
CMYK	0.04, 0.16, 0.00, 0.16
HSL	286°, 29%, 77%
HSV	286°, 16%, 84%
XYZ	53.9125, 50.6194, 70.5474
YIQ	191.6500, 4.5820, 16.0860

Conversions

Conversions Part 2

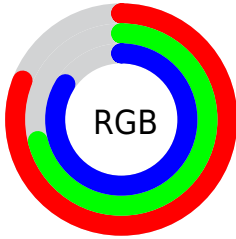
Format	Color
R_{YB}	206, 180, 214
Decimal	13546710
CIE _{Lab}	76.45, 15.41, -13.67
CIE _{LCh}	76, 20.599, 318.424
Yxy	50.6194, 0.3079, 0.2891
Android (android.graphics.Color)	4291736790 (0xFFCEB4D6)
YUV	191.6500, 11.0186, 12.5850
Hunter-Lab	71.1473, 10.7521, -8.9870

Details

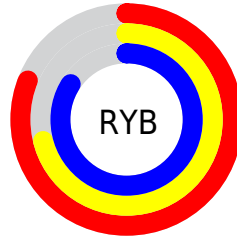
The XYZ color **53.9125, 50.6194, 70.5474** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **53.0257, 62.0811, 52.3706**, and the grayscale version is **49.8362, 52.4316, 57.0980**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **26.7963, 24.3573, 36.0900** is the 20% darker color. If you saturate the color by 10%, you get **48.5463, 41.9284, 69.1535**, and if you desaturate by 10%, it is **59.9935, 60.6718, 72.1680**.

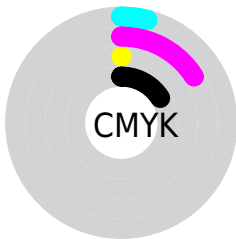
Distribution



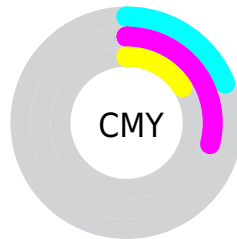
- Red (81%)
- Green (71%)
- Blue (84%)



- Red (81%)
- Yellow (71%)
- Blue (84%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9125, 50.6194, 70.5474 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 53.9125, 50.6194, 70.5474 by changing the saturation by 10% instead.

■ 53.9125, 50.6194,
70.5474

■ 53.9125, 50.6194,
70.5474

391.9801,
389.0833, 481.3106

■ 38.7621, 35.9058,
51.4934

■ 95.1034, 91.0919,
121.6775

■ 26.7546, 24.3615,
36.2220

121.8746,
117.6197, 154.5906

■ 17.5246, 15.6020,
24.3146

153.2502,
148.8542, 192.9605

■ 10.7069, 9.2429,
15.3528

189.5954,
185.1800, 237.2057

■ 5.9359, 4.9000,
8.9180

231.2756,
226.9814, 287.7448

■ 2.8464, 2.1887,
4.5917

278.6562,

■ 1.0731, 0.7138,

274.6428, 344.9963

1.9552

332.1026,
328.5486, 409.3787

■ 0.0024, 0.0000,
0.5275

■ 0.0000, 0.0000,
0.0000

■ 53.9125, 50.6194,
70.5474

■ 53.9125, 50.6194,
70.5474

■ 48.5463, 41.9284,
69.1535

■ 59.9935, 60.6718,
72.1680

■ 43.8594, 34.5311,
67.9727

■ 66.8138, 72.1363,
74.0214

■ 39.8201, 28.3636,
66.9951

■ 74.4020, 85.0691,
76.1177

■ 36.3921, 23.3541,
66.2089

■ 79.3069, 92.5671,
77.3065

■ 33.5353, 19.4232,
65.6007

■ 80.9107, 93.3939,
77.3815

■ 31.2048, 16.4813,
65.1557

■ 82.5613, 94.2448,
77.4588

■ 29.3480, 14.4242,
64.8565

■ 84.2590, 95.1200,
77.5382

■ 27.9000, 13.1227,
64.6816

■ 86.0042, 96.0197,
77.6199

■ 27.3746, 12.7100,
64.6296

■ 87.7974, 96.9441,
77.7038

Harmonies

Analogous

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



50.5091, 50.6194, 77.9767



53.9125, 50.6194, 70.5474



55.7982, 50.6194, 59.5161

Triad

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



53.9125, 50.6194, 70.5474



49.6251, 50.6194, 36.7204



41.3748, 50.6194, 62.1490

Complementary

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



53.9125, 50.6194, 70.5474



53.0257, 62.0811, 52.3706

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.



41.1666, 50.6194, 50.9382



53.9125, 50.6194, 70.5474



45.7924, 50.6194, 37.2266

Square

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



53.9125, 50.6194, 70.5474



53.2355, 50.6194, 40.6261



42.7436, 50.6194, 42.1167



43.3287, 50.6194, 72.6966

Rectangle

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



53.9125, 50.6194, 70.5474



55.8769, 50.6194, 52.0444



42.7436, 50.6194, 42.1167



41.1024, 50.6194, 58.3060

Sweetspot

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



53.9140, 50.6216, 70.5485



90.0214, 91.5686, 107.5376



49.0523, 50.7411, 70.8278



19.1219, 19.3551, 22.9780



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.



53.9140, 50.6216, 70.5485



77.4233, 70.7894, 104.1908



55.1343, 51.3728, 65.0859



12.6541, 12.4786, 15.6792



16.6420, 7.7318, 39.0684



1.0745, 0.5028, 2.3597

Inverse Universe

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



53.1317, 50.5718, 54.5404



76.0924, 70.7273, 75.9370



52.0019, 61.4502, 56.9825



12.5418, 12.4682, 13.5274



17.1484, 8.7957, 2.8194



1.0669, 0.5435, 0.3416

Previews

White Background



This preview shows how the XYZ color 53.9125, 50.6194, 70.5474 looks on a white background.

Color Contrast Check

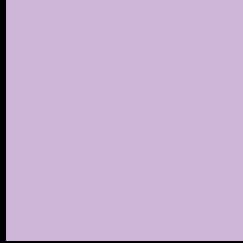
Large Text (above 18pt) WCAG AA × Fail

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 53.9125, 50.6194, 70.5474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

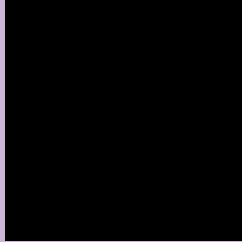
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9125, 50.6194, 70.5474

Background



This preview shows how black text looks on a background with the XYZ color 53.9125, 50.6194, 70.5474.



This preview shows how white text looks on a background with the XYZ color 53.9125, 50.6194,

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

53.9125, 50.6194, 70.5474

Protanopia

50.0849, 50.7224, 74.1685

Deuteranopia

51.9157, 50.8208, 70.0239



Tritanopia

51.6401, 50.5947, 59.8673

Trichromacy



Original Color

53.9125, 50.6194, 70.5474

Protanomaly

51.1507, 50.3671, 72.6715

Deuteranomaly

52.7631, 50.9504, 70.0043

Tritanomaly

52.4093, 50.6051, 63.5054

Monochromacy



Original Color

53.9125, 50.6194, 70.5474

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.4345, 52.0069, 61.9710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9125, 50.6194, 70.5474 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(206, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(206, 180, 214)  
}
```

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(206, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 180, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.9125, 50.6194, 70.5474 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(206, 180, 214) }
```


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

```
.border{ border-color:rgb(206, 180, 214) }
```

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

Here you see how a box with a 4 pixel rgb(206, 180, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 180,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9125, 50.6194, 70.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 180, 214) }
```

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

```
.background{ background-color: rgb(206,  
180, 214) }
```

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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