

Converting Colors

XYZ(53.9190, 53.4931, 70.6188)

Have a look what the booklet for
XYZ(53.9190, 53.4931, 70.6188)
contains.

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Color

**XYZ(53.7610, 53.3414,
70.4132)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BDD5
RGB	199, 189, 213
RGB Percent	78%, 74%, 84%
CMY	0.2196, 0.2588, 0.1647
CMYK	0.07, 0.11, 0.00, 0.16
HSL	265°, 22%, 79%
HSV	265°, 11%, 84%
XYZ	53.7610, 53.3414, 70.4132
YIQ	194.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

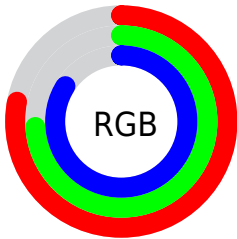
Format	Color
R_{YB}	199, 189, 213
Decimal	13090261
CIE Lab	78.08, 8.00, -10.75
CIE LCh	78, 13.404, 306.661
Yxy	53.3414, 0.3029, 0.3005
Android (android.graphics.Color)	4291280341 (0xFFC7BDD5)
YUV	194.7260, 9.0091, 3.7483
Hunter-Lab	73.0352, 3.5817, -6.0368

Details

The XYZ color **53.7610, 53.3414, 70.4132** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6101, 63.9606, 57.4560**, and the grayscale version is **51.6589, 54.3492, 59.1863**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **26.6528, 26.0967, 35.9802** is the 20% darker color. If you saturate the color by 10%, you get **46.3482, 43.2117, 68.8495**, and if you desaturate by 10%, it is **62.1191, 64.9602, 72.2161**.

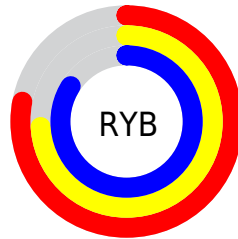
Distribution



Red (78%)

Green (74%)

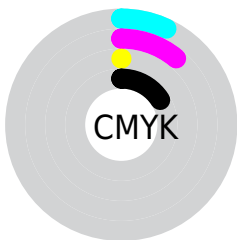
Blue (84%)



Red (78%)

Yellow (74%)

Blue (84%)

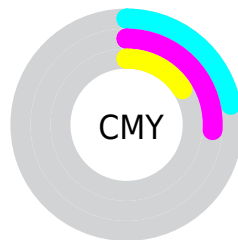


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7610, 53.3414, 70.4132 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 53.7610, 53.3414, 70.4132 by changing the saturation by 10% instead.

■ 53.7610, 53.3414,
70.4132

■ 53.7610, 53.3414,
70.4132

391.4112,
399.5936, 480.8278

■ 38.6405, 38.0754,
51.3846

■ 94.8822, 95.1065,
121.4845

■ 26.6597, 26.0412,
36.1359

121.6136,
122.3745, 154.3642

■ 17.4530, 16.8545,
24.2487

152.9461,
154.4118, 192.6980

■ 10.6553, 10.1308,
15.3043

189.2449,
191.6029, 236.9045

■ 5.9011, 5.4858,
8.8842

230.8755,
234.3323, 287.4022

■ 2.8252, 2.5350,
4.5700

278.2032,

■ 1.0620, 0.8941,

282.9843, 344.6096

1.9429

331.5933,
337.9432, 408.9453

■ 0.0000, 0.0000,
0.5199

■ 0.0000, 0.0000,
0.0000

■ 53.7610, 53.3414,
70.4132

■ 53.7610, 53.3414,
70.4132

■ 46.3482, 43.2117,
68.8495

■ 62.1191, 64.9602,
72.2161

■ 39.8404, 34.5026,
67.5115

■ 71.4513, 78.1193,
74.2642

■ 34.2011, 27.1501,
66.3895

■ 81.7912, 92.8758,
76.5676

■ 29.3894, 21.0828,
65.4720

■ 86.7332, 96.4102,
76.9893

■ 25.3609, 16.2223,
64.7462

■ 89.0104, 97.5842,
77.0959

■ 22.0663, 12.4816,
64.1978

■ 19.4500, 9.7610,
63.8105

■ 17.4468, 7.9426,
63.5651

■ 16.1049, 6.9150,
63.4375

Harmonies

Analogous

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



51.2848, 53.3414, 73.5878



53.7610, 53.3414, 70.4132



55.4573, 53.3414, 63.9731

Triad

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



53.7610, 53.3414, 70.4132



52.7175, 53.3414, 45.8366



45.8677, 53.3414, 59.7659

Complementary

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



53.7610, 53.3414, 70.4132



57.6101, 63.9606, 57.4560

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.



46.2217, 53.3414, 52.5598



53.7610, 53.3414, 70.4132



50.1185, 53.3414, 44.9195

Square

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



53.7610, 53.3414, 70.4132



54.8405, 53.3414, 49.8996



47.7563, 53.3414, 47.2777



46.7722, 53.3414, 67.1083

Rectangle

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



53.7610, 53.3414, 70.4132



55.8861, 53.3414, 58.9225



47.7563, 53.3414, 47.2777



45.8440, 53.3414, 57.2450

Sweetspot

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



53.7626, 53.3437, 70.4144



91.0349, 94.3791, 108.0267



54.4489, 58.5258, 71.3785



19.2604, 19.8872, 23.0734



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.



53.7626, 53.3437, 70.4144



77.4482, 75.5614, 105.1106



56.9589, 54.9914, 70.5640



12.2279, 12.2589, 15.6592



9.9478, 4.2808, 38.7551



0.6931, 0.3062, 2.3419

Inverse Universe

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



56.4195, 54.8555, 64.1171



82.3970, 78.3786, 93.3232



54.5680, 62.3923, 57.3136



12.7240, 12.5411, 14.4870



19.0464, 9.5549, 12.8145



1.1896, 0.5926, 0.9879

Previews

White Background



This preview shows how the XYZ color 53.7610, 53.3414, 70.4132 looks on a white background.

Color Contrast Check

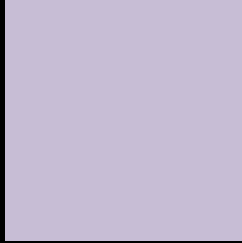
Large Text (above 18pt) WCAG AA × Fail

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 53.7610, 53.3414, 70.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

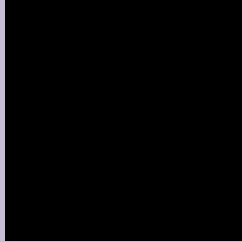
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7610, 53.3414, 70.4132

Background



This preview shows how black text looks on a background with the XYZ color 53.7610, 53.3414, 70.4132.



This preview shows how white text looks on a background with the XYZ color 53.7610, 53.3414,

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

53.7610, 53.3414, 70.4132

Protanopia

52.3506, 53.5527, 71.8675

Deuteranopia

54.3506, 53.3271, 70.3794



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

53.7610, 53.3414, 70.4132

Protanomaly

52.7607, 53.4541, 71.1552

Deuteranomaly

54.0809, 53.1880, 70.3667

Tritanomaly

53.0873, 53.3867, 67.1812

Monochromacy



Original Color

53.7610, 53.3414, 70.4132

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.4956, 54.1400, 63.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7610, 53.3414, 70.4132 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(199, 189, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 213)  
}
```

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(199, 189, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.7610, 53.3414, 70.4132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

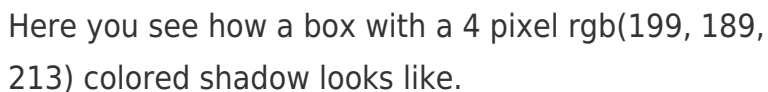
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 189, 213) }
```


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

```
.border{ border-color:rgb(199, 189, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 189, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 189, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 189, 213); box-shadow:4px 4px 4px 4px rgb(199, 189, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7610, 53.3414, 70.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 213) }
```

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

```
.background{ background-color: rgb(199,  
189, 213) }
```

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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