

Converting Colors

XYZ(53.3286, 55.0072, 74.6621)

Have a look what the booklet for
XYZ(53.3286, 55.0072, 74.6621)
contains.

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Color

**XYZ(53.2876, 54.9635,
74.8183)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC3DB
RGB	189, 195, 219
RGB Percent	74%, 76%, 86%
CMY	0.2588, 0.2353, 0.1412
CMYK	0.14, 0.11, 0.00, 0.14
HSL	228°, 29%, 80%
HSV	228°, 14%, 86%
XYZ	53.2876, 54.9635, 74.8183
YIQ	195.9420, -11.2800, 6.1920

Conversions

Conversions Part 2

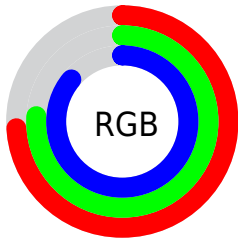
Format	Color
R_{YB}	189, 194, 219
Decimal	12436443
CIE _{Lab}	79.02, 2.72, -12.66
CIE _{LCh}	79, 12.947, 282.112
Yxy	54.9635, 0.2911, 0.3002
Android (android.graphics.Color)	4290626523 (0xFFBDC3DB)
YUV	195.9420, 11.3676, -6.0881
Hunter-Lab	74.1374, -1.4402, -7.9384

Details

The XYZ color **53.2876, 54.9635, 74.8183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1934, 66.3226, 57.6690**, and the grayscale version is **52.3748, 55.1024, 60.0065**.

A 20% lighter version of the original color is **90.5166, 96.2533, 108.4157**, and **26.2174, 26.8810, 38.9287** is the 20% darker color. If you saturate the color by 10%, you get **44.5626, 44.9777, 73.3516**, and if you desaturate by 10%, it is **63.2967, 66.2978, 76.4794**.

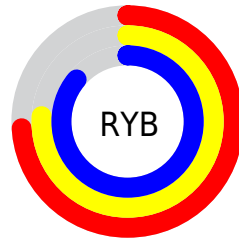
Distribution



Red (74%)

Green (76%)

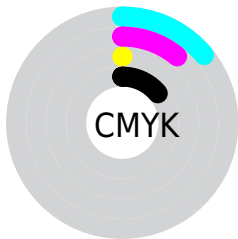
Blue (86%)



Red (74%)

Yellow (76%)

Blue (86%)

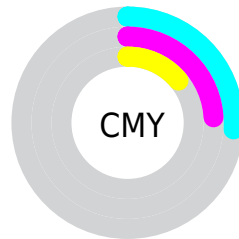


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2876, 54.9635, 74.8183 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 53.2876, 54.9635, 74.8183 by changing the saturation by 10% instead.

■ 53.2876, 54.9635,
74.8183

■ 53.2876, 54.9635,
74.8183

389.6304,
405.7736, 496.5316

■ 38.2608, 39.3725,
54.9632

■ 94.1905, 97.4875,
127.7999

■ 26.3633, 27.0496,
38.9739

120.7973,
125.1892, 161.7634

■ 17.2297, 17.6105,
26.4317

151.9948,
157.6967, 201.2669

■ 10.4947, 10.6707,
16.9182

188.1483,
195.3943, 246.7287

■ 5.7930, 5.8459,
10.0149

229.6233,
238.6664, 298.5676

■ 2.7591, 2.7516,
5.3031

276.7851,

■ 1.0277, 1.0035,

287.8973, 357.2020

2.3643

329.9990,
343.4716, 423.0505

■ 0.0000, 0.0000,
0.7669

■ 0.0000, 0.0000,
0.0000

■ 53.2876, 54.9635,
74.8183

■ 53.2876, 54.9635,
74.8183

■ 44.5626, 44.9777,
73.3516

■ 63.2967, 66.2978,
76.4794

■ 37.0642, 36.2829,
72.0685

■ 74.6345, 79.0216,
78.3377

■ 30.7379, 28.8276,
70.9629

■ 87.3492, 93.1826,
80.4010

■ 25.5231, 22.5541,
70.0269

■ 89.7864, 97.8945,
81.1820

■ 21.3534, 17.3999,
69.2518

■ 18.1554, 13.2965,
68.6283

■ 15.8452, 10.1676,
68.1461

■ 14.3238, 7.9251,
67.7935

■ 13.6802, 6.9023,
67.6300

Harmonies

Analogous

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



50.7342, 54.9635, 74.3897



53.2876, 54.9635, 74.8183



55.6343, 54.9635, 71.0007

Triad

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



53.2876, 54.9635, 74.8183



56.0033, 54.9635, 50.8265



47.6668, 54.9635, 55.5927

Complementary

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



53.2876, 54.9635, 74.8183



62.1934, 66.3226, 57.6690

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.



48.9888, 54.9635, 49.9253



53.2876, 54.9635, 74.8183



53.7777, 54.9635, 47.3332

Square

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



53.2876, 54.9635, 74.8183



57.2364, 54.9635, 56.9179



51.2085, 54.9635, 47.0174



47.5453, 54.9635, 62.8727

Rectangle

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



53.2876, 54.9635, 74.8183



56.7436, 54.9635, 66.7309



51.2085, 54.9635, 47.0174



47.9835, 54.9635, 53.4515

Sweetspot

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



53.2892, 54.9658, 74.8195



88.8485, 93.0207, 107.8797



58.2657, 66.2616, 72.3384



18.7749, 19.6370, 23.0507



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.



53.2892, 54.9658, 74.8195



72.0578, 73.9819, 105.0898



54.1421, 53.4489, 74.4818



12.5486, 13.0370, 16.5071



8.1736, 4.2167, 40.1215



0.5909, 0.3958, 2.6197

Inverse Universe

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



57.2627, 55.3968, 59.3069



78.5708, 74.7478, 79.6493



61.2388, 68.1133, 58.0650



13.1620, 13.0939, 14.1145



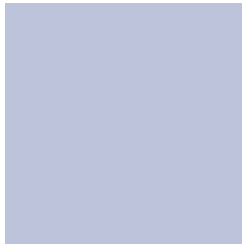
17.6210, 9.0494, 2.3843



1.1725, 0.5986, 0.3175

Previews

White Background



This preview shows how the XYZ color 53.2876, 54.9635, 74.8183 looks on a white background.

Color Contrast Check

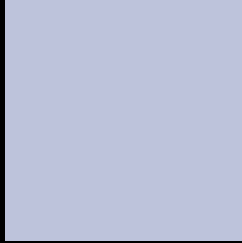
Large Text (above 18pt) WCAG AA × Fail

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 53.2876, 54.9635, 74.8183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

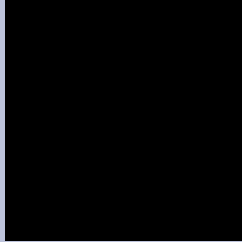
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2876, 54.9635, 74.8183

Background



This preview shows how black text looks on a background with the XYZ color 53.2876, 54.9635, 74.8183.



This preview shows how white text looks on a background with the XYZ color 53.2876, 54.9635,

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

53.2876, 54.9635, 74.8183

Protanopia

53.6849, 54.8520, 74.0877

Deuteranopia

55.9603, 54.6907, 75.3171



Tritanopia

52.3626, 54.9247, 70.1291

Trichromacy



Original Color

53.2876, 54.9635, 74.8183

Protanomaly

53.4325, 54.7219, 74.0759

Deuteranomaly

55.0566, 54.8723, 75.3998

Tritanomaly

52.7447, 55.0775, 72.1411

Monochromacy



Original Color

53.2876, 54.9635, 74.8183

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6313, 55.1769, 65.0030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2876, 54.9635, 74.8183 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(189, 195, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 219)  
}
```

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(189, 195, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 219) }
```

Border

The CSS property to change the border of an element to XYZ 53.2876, 54.9635, 74.8183 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(189, 195, 219) }
```


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

```
.border{ border-color:rgb(189, 195, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2876, 54.9635, 74.8183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 219) }
```

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

```
.background{ background-color: rgb(189,  
195, 219) }
```

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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