

Converting Colors

XYZ(53.8103, 51.1924, 97.7770)

Have a look what the booklet for
XYZ(53.8103, 51.1924, 97.7770)
contains.

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Color

**XYZ(53.6872, 51.1282,
97.4816)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B8FA
RGB	182, 184, 250
RGB Percent	71%, 72%, 98%
CMY	0.2863, 0.2784, 0.0196
CMYK	0.27, 0.26, 0.00, 0.02
HSL	238°, 87%, 85%
HSV	238°, 27%, 98%
XYZ	53.6872, 51.1282, 97.4816
YIQ	190.9260, -22.3780, 20.1020

Conversions

Conversions Part 2

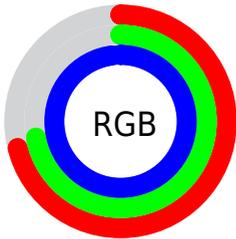
Format	Color
R_{YB}	182, 184, 250
Decimal	11974906
CIE _{Lab}	76.76, 13.50, -32.84
CIE _{LCh}	77, 35.503, 292.352
Yxy	51.1282, 0.2654, 0.2527
Android (android.graphics.Color)	4290164986 (0xFFB6B8FA)
YUV	190.9260, 29.1235, -7.8281
Hunter-Lab	71.5040, 8.8908, -30.7774

Details

The XYZ color **53.6872, 51.1282, 97.4816** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.4361, 90.8367, 57.4987**, and the grayscale version is **49.3257, 51.8944, 56.5131**.

A 20% lighter version of the original color is **84.8067, 87.8909, 107.1026**, and **26.6440, 24.6720, 53.8100** is the 20% darker color. If you saturate the color by 10%, you get **43.6864, 39.1219, 95.6921**, and if you desaturate by 10%, it is **65.6099, 65.4108, 99.6109**.

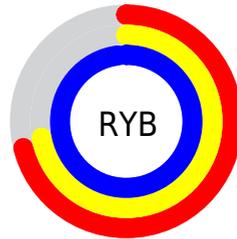
Distribution



Red (71%)

Green (72%)

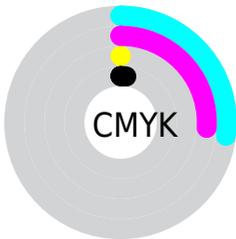
Blue (98%)



Red (71%)

Yellow (72%)

Blue (98%)

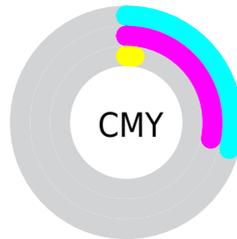


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6872, 51.1282, 97.4816 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 53.6872, 51.1282, 97.4816 by changing the saturation by 10% instead.

■ 53.6872, 51.1282,
97.4816

■ 53.6872, 51.1282,
97.4816

391.1339,
391.0617, 573.2654

■ 38.5813, 36.3106,
73.5939

■ 94.7744, 91.8442,
159.7136

■ 26.6134, 24.6742,
53.9669

121.4864,
118.5115, 198.8949

■ 17.4182, 15.8345,
38.1822

152.7979,
149.8975, 244.0111

■ 10.6302, 9.4071,
25.8212

189.0741,
186.3866, 295.4809

■ 5.8842, 5.0077,
16.4654

230.6805,
228.3631, 353.7226

■ 2.8148, 2.2518,
9.6962

277.9823,

■ 1.0566, 0.7480,

276.2116, 419.1549

5.0950

331.3450,
330.3163, 492.1964

■ 0.0000, 0.0000,
2.2434

■ 0.0000, 0.0000,
0.6992

■ 53.6872, 51.1282,
97.4816

■ 53.6872, 51.1282,
97.4816

■ 43.6864, 39.1219,
95.6921

■ 65.6099, 65.4108,
99.6109

■ 35.5020, 29.2687,
94.2216

■ 79.5421, 82.0722,
102.0926

■ 29.0266, 21.4430,
93.0524

■ 94.2555, 99.6822,
104.7162

■ 24.1392, 15.5038,
92.1636

■ 20.7029, 11.2919,
91.5318

■ 18.5577, 8.6223,
91.1295

■ 17.5022, 7.2656,
90.9233

■ 17.3353, 7.0619,
90.8928

Harmonies

Analogous

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



46.8933, 51.1282, 101.0933



53.6872, 51.1282, 97.4816



59.5835, 51.1282, 81.5252

Triad

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



53.6872, 51.1282, 97.4816



56.9397, 51.1282, 31.1719



36.8614, 51.1282, 50.8802

Complementary

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



53.6872, 51.1282, 97.4816



81.4361, 90.8367, 57.4987

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.



39.0495, 51.1282, 35.9560



53.6872, 51.1282, 97.4816



50.3391, 51.1282, 26.4161

Square

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



53.6872, 51.1282, 97.4816



61.5790, 51.1282, 42.7270



43.8370, 51.1282, 27.9386



37.5792, 51.1282, 70.9936

Rectangle

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



53.6872, 51.1282, 97.4816



62.0056, 51.1282, 67.6832



43.8370, 51.1282, 27.9386



37.2738, 51.1282, 45.1695

Sweetspot

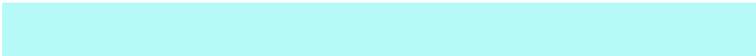
The Sweet Spot groups the original color and five complimentary colors.



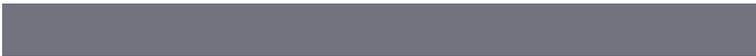
53.6889, 51.1302, 97.4828



81.9447, 84.3455, 106.5691



70.3802, 85.0782, 101.3034



17.0459, 17.4633, 22.7223



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.



53.6889, 51.1302, 97.4828



49.8181, 45.8734, 100.8365



61.6385, 54.6157, 97.7366



16.3240, 16.7248, 21.7531



9.2130, 3.7816, 48.2179



0.8672, 0.3782, 4.4705

Inverse Universe

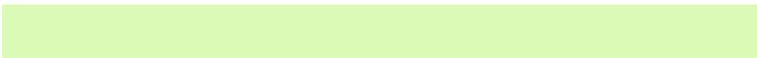
The Inverse Universe completely reimagines the original color for something new.



64.8054, 57.2422, 52.9827



63.3490, 53.3589, 46.6612



71.6236, 86.6963, 57.2167



17.2653, 17.2335, 17.9869



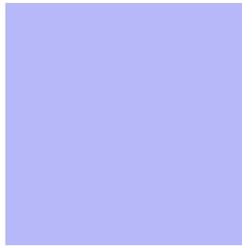
20.9423, 10.7927, 1.1388



1.9467, 1.0024, 0.1426

Previews

White Background



This preview shows how the XYZ color 53.6872, 51.1282, 97.4816 looks on a white background.

Color Contrast Check

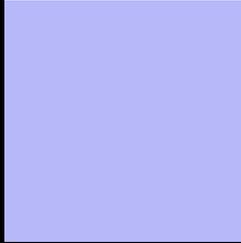
Large Text (above 18pt) WCAG AA × Fail

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 53.6872, 51.1282, 97.4816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

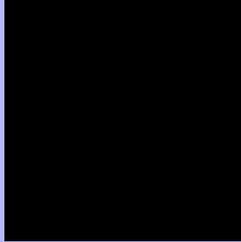
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6872, 51.1282, 97.4816

Background



This preview shows how black text looks on a background with the XYZ color 53.6872, 51.1282, 97.4816.



This preview shows how white text looks on a background with the XYZ color 53.6872, 51.1282,

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

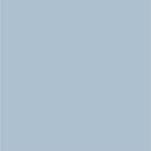
53.6872, 51.1282, 97.4816

Protanopia

52.1356, 51.2268, 99.2354

Deuteranopia

52.4934, 51.1339, 97.5456



Tritanopia

47.3457, 51.0885, 66.3972

Trichromacy



Original Color

53.6872, 51.1282, 97.4816

Protanomaly

52.6507, 51.1968, 98.3738

Deuteranomaly

52.9644, 51.0650, 97.5075

Tritanomaly

49.4214, 50.9530, 77.0422

Monochromacy



Original Color

53.6872, 51.1282, 97.4816

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.6059, 51.4113, 69.5435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6872, 51.1282, 97.4816 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(182, 184, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 250)  
}
```

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(182, 184, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.6872, 51.1282, 97.4816 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(182, 184, 250) }
```

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

```
.border{ border-color:rgb(182, 184, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6872, 51.1282, 97.4816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 250) }
```

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

```
.background{ background-color: rgb(182,  
184, 250) }
```

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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