

Converting Colors

XYZ(53.5445, 48.5506,
101.1568)

Have a look what the booklet for
XYZ(53.5445, 48.5506, 101.1568)
contains.

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Color

**XYZ(53.5829, 48.5850,
101.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B0FF
RGB	185, 176, 255
RGB Percent	73%, 69%, 100%
CMY	0.2745, 0.3098, 0.0000
CMYK	0.27, 0.31, 0.00, 0.00
HSL	247°, 100%, 85%
HSV	247°, 31%, 100%
XYZ	53.5829, 48.5850, 101.1615
YIQ	187.6970, -19.9950, 26.4770

Conversions

Conversions Part 2

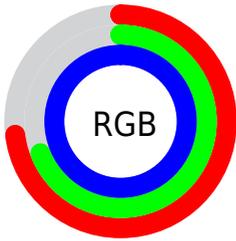
Format	Color
RYB	185, 176, 255
Decimal	12169471
CIELab	75.19, 19.98, -37.93
CIElCh	75, 42.867, 297.775
Yxy	48.5850, 0.2635, 0.2389
Android (android.graphics.Color)	4290359551 (0xFFB9B0FF)
YUV	187.6970, 33.1804, -2.3653
Hunter-Lab	69.7029, 15.2386, -37.2569

Details

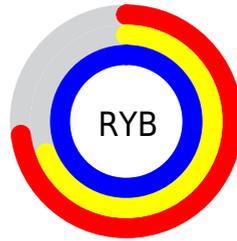
The XYZ color **53.5829, 48.5850, 101.1615** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.6032, 94.2477, 54.9670**, and the grayscale version is **47.4555, 49.9269, 54.3704**.

A 20% lighter version of the original color is **83.5246, 83.8105, 106.3826**, and **26.6066, 23.2383, 56.5092** is the 20% darker color. If you saturate the color by 10%, you get **44.0202, 36.9180, 99.4135**, and if you desaturate by 10%, it is **64.9539, 62.5803, 103.2635**.

Distribution



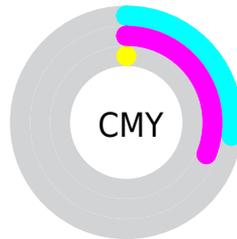
- Red (73%)
- Green (69%)
- Blue (100%)



- Red (73%)
- Yellow (69%)
- Blue (100%)



- Cyan (27%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5829, 48.5850, 101.1615 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 53.5829, 48.5850, 101.1615 by changing the saturation by 10% instead.

■ 53.5829, 48.5850,
101.1615

■ 53.5829, 48.5850,
101.1615

390.7418,
381.1063, 585.1886

■ 38.4976, 34.2904,
76.6486

■ 94.6220, 88.0748,
164.8182

■ 26.5481, 23.1168,
56.4547

121.3066,
114.0387, 204.7991

■ 17.3690, 14.6798,
40.1612

152.5884,
144.6613, 250.7731

■ 10.5948, 8.5949,
27.3495

188.8326,
180.3267, 303.1588

■ 5.8604, 4.4779,
17.6011

230.4047,
221.4196, 362.3746

■ 2.8002, 1.9443,
10.4975

277.6701,

■ 1.0490, 0.5748,

268.3242, 428.8392

5.6202

330.9940,
321.4250, 502.9710

■ 0.0000, 0.0000,
2.5505

■ 0.0000, 0.0000,
0.8667

■ 53.5829, 48.5850,
101.1615

■ 53.5829, 48.5850,
101.1615

■ 44.0202, 36.9180,
99.4135

■ 64.9539, 62.5803,
103.2635

■ 36.1678, 27.4474,
97.9994

■ 78.2153, 79.0152,
105.7368

■ 29.9251, 20.0365,
96.8979

■ 93.4498, 98.0006,
108.5984

■ 25.1793, 14.5308,
96.0854

■ 95.0500, 100.0000,
108.9000

■ 21.8022, 10.7541,
95.5344

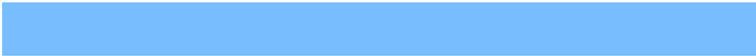
■ 19.6441, 8.4967,
95.2124

■ 18.5581, 7.4819,
95.0738

Harmonies

Analogous

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



45.5946, 48.5850, 108.9853



53.5829, 48.5850, 101.1615



60.1749, 48.5850, 79.4903

Triad

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



53.5829, 48.5850, 101.1615



54.7124, 48.5850, 24.0905



32.6672, 48.5850, 51.2389

Complementary

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



53.5829, 48.5850, 101.1615



81.6032, 94.2477, 54.9670

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.



34.5405, 48.5850, 33.0200



53.5829, 48.5850, 101.1615



46.7676, 48.5850, 20.3742

Square

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



53.5829, 48.5850, 101.1615



60.8773, 48.5850, 35.1908



39.4899, 48.5850, 23.1099



34.0595, 48.5850, 75.7344

Rectangle

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



53.5829, 48.5850, 101.1615



62.5738, 48.5850, 62.6019



39.4899, 48.5850, 23.1099



32.9309, 48.5850, 44.2576

Sweetspot

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



53.5844, 48.5868, 101.1617



81.0709, 82.5665, 106.2718



69.2468, 83.0335, 106.9851



16.9015, 17.1117, 22.6620



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.



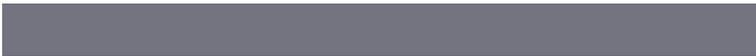
53.5844, 48.5868, 101.1617



47.6153, 41.2903, 100.0680



64.1314, 54.0240, 101.6553



17.1951, 17.4768, 22.7170



9.7577, 3.9408, 49.6809



1.0092, 0.4142, 4.8400

Inverse Universe

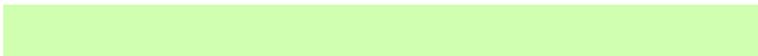
The Inverse Universe completely reimagines the original color for something new.



73.4008, 58.9660, 94.7024



70.2912, 53.1745, 92.3475



69.4976, 88.0071, 54.4004



18.6983, 18.2626, 22.2943



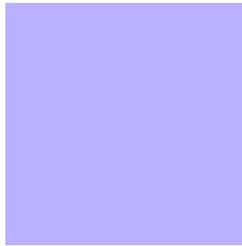
28.7538, 13.9908, 38.9494



2.8239, 1.3719, 3.9202

Previews

White Background



This preview shows how the XYZ color 53.5829, 48.5850, 101.1615 looks on a white background.

Color Contrast Check

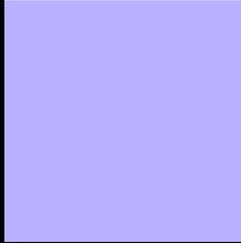
Large Text (above 18pt) WCAG AA × Fail

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 53.5829, 48.5850, 101.1615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

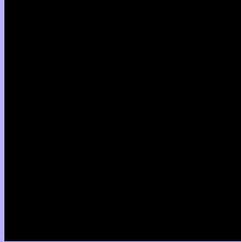
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5829, 48.5850, 101.1615

Background



This preview shows how black text looks on a background with the XYZ color 53.5829, 48.5850, 101.1615.



This preview shows how white text looks on a background with the XYZ color 53.5829, 48.5850,

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

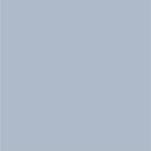
53.5829, 48.5850, 101.1615

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

50.1327, 48.9152, 100.5652



Tritanopia

45.5571, 48.3335, 62.1865

Trichromacy



Original Color

53.5829, 48.5850, 101.1615

Protanomaly

51.1658, 48.5204, 101.2764

Deuteranomaly

51.2239, 48.5689, 100.4409

Tritanomaly

48.1392, 48.1413, 75.1616

Monochromacy



Original Color

53.5829, 48.5850, 101.1615

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5177, 49.5992, 69.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5829, 48.5850, 101.1615 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(185, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 176, 255)  
}
```

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(185, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.5829, 48.5850, 101.1615 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(185, 176, 255) }
```

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

```
.border{ border-color:rgb(185, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5829, 48.5850, 101.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 176, 255) }
```

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

```
.background{ background-color: rgb(185,  
176, 255) }
```

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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