

# Converting Colors

XYZ(54.3828, 53.1805, 92.1926)

Have a look what the booklet for  
XYZ(54.3828, 53.1805, 92.1926)  
contains.

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# Color

**XYZ(54.3828, 53.1805,  
92.1926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9BDF3
RGB	185, 189, 243
RGB Percent	73%, 74%, 95%
CMY	0.2745, 0.2588, 0.0471
CMYK	0.24, 0.22, 0.00, 0.05
HSL	236°, 71%, 84%
HSV	236°, 24%, 95%
XYZ	54.3828, 53.1805, 92.1926
YIQ	193.9600, -19.7180, 15.9460

# Conversions

## Conversions Part 2

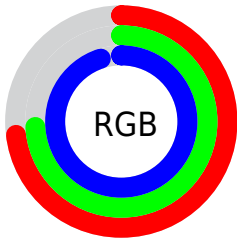
Format	Color
R <sub>Y</sub> B	185, 189, 243
Decimal	12172787
CIE Lab	77.98, 10.00, -27.17
CIE LCh	78, 28.954, 290.204
Yxy	53.1805, 0.2722, 0.2662
Android (android.graphics.Color)	4290362867 (0xFFB9BDF3)
YUV	193.9600, 24.1767, -7.8579
Hunter-Lab	72.9250, 5.4953, -23.9076

# Details

The XYZ color **54.3828, 53.1805, 92.1926** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.5863, 84.2908, 58.1337**, and the grayscale version is **51.1258, 53.7883, 58.5754**.

A 20% lighter version of the original color is **87.3204, 91.4021, 107.6478**, and **27.1339, 26.0215, 50.6062** is the 20% darker color. If you saturate the color by 10%, you get **44.5214, 41.4282, 90.4448**, and if you desaturate by 10%, it is **66.0086, 66.9717, 94.2427**.

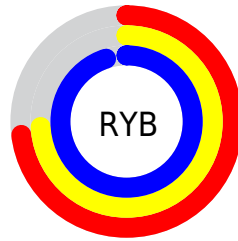
# Distribution



Red (73%)

Green (74%)

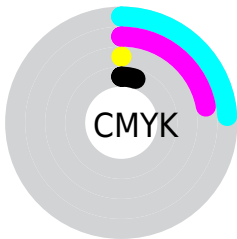
Blue (95%)



Red (73%)

Yellow (74%)

Blue (95%)

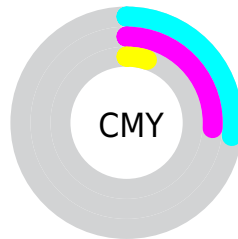


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (26%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3828, 53.1805, 92.1926 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 54.3828, 53.1805, 92.1926 by changing the saturation by 10% instead.



■ 54.3828, 53.1805,  
92.1926

■ 54.3828, 53.1805,  
92.1926

393.7426,  
398.9772, 555.8909

■ 39.1397, 37.9469,  
69.2167

■ 95.7897, 94.8699,  
152.3423

■ 27.0496, 25.9415,  
50.4153

122.6841,  
122.0945, 190.3532

■ 17.7473, 16.7799,  
35.3700

154.1931,  
154.0849, 234.2128

■ 10.8673, 10.0777,  
23.6622

190.6819,  
191.2254, 284.3397

■ 6.0443, 5.4505,  
14.8734

232.5159,  
233.9005, 341.1524

■ 2.9129, 2.5139,  
8.5849

280.0604,

■ 1.1079, 0.8836,

282.4946, 405.0695

4.3784

333.6809,  
337.3921, 476.5095

■ 0.0317, 0.0000,  
1.8351

■ 0.0000, 0.0000,  
0.4510

■ 54.3828, 53.1805,  
92.1926

■ 54.3828, 53.1805,  
92.1926

■ 44.5214, 41.4282,  
90.4448

■ 66.0086, 66.9717,  
94.2427

■ 36.3331, 31.6120,  
88.9817

■ 79.4737, 82.8853,  
96.6047

■ 29.7265, 23.6296,  
87.7891

■ 93.1778, 99.2511,  
99.0413

■ 24.5991, 17.3671,  
86.8506

■ 20.8365, 12.6976,  
86.1476

■ 18.3073, 9.4765,  
85.6592

■ 16.8538, 7.5330,  
85.3606

■ 16.3746, 6.8647,  
85.2569

# Harmonies

## Analogous

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



48.7248, 53.1805, 94.1940



54.3828, 53.1805, 92.1926



59.3395, 53.1805, 80.1307

# Triad

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



54.3828, 53.1805, 92.1926



57.8058, 53.1805, 37.1799



40.6008, 53.1805, 52.7823

# Complementary

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



54.3828, 53.1805, 92.1926



76.5863, 84.2908, 58.1337

# 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.



42.6680, 53.1805, 40.2227



54.3828, 53.1805, 92.1926



52.4130, 53.1805, 32.3867

# Square

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



54.3828, 53.1805, 92.1926



61.4154, 53.1805, 47.8323



46.8949, 53.1805, 33.3862



41.0421, 53.1805, 69.2999



# Rectangle

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



54.3828, 53.1805, 92.1926



61.4455, 53.1805, 69.0659



46.8949, 53.1805, 33.3862



41.0191, 53.1805, 48.0155

# Sweetspot

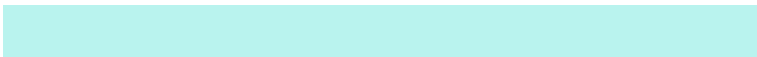
The Sweet Spot groups the original color and five complimentary colors.



54.3845, 53.1826, 92.1938



83.7109, 86.6218, 106.9154



67.5165, 80.5994, 93.0171



17.7188, 18.3058, 22.8494



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.



54.3845, 53.1826, 92.1938



54.7086, 52.2315, 101.8060



59.8696, 54.7501, 92.2073



15.6729, 16.1102, 20.8261



9.0208, 3.8354, 46.8029



0.8243, 0.4000, 4.1240



# Inverse Universe

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



63.4978, 57.4283, 55.8844



66.6531, 57.8797, 54.1978



69.9720, 82.6393, 58.1635



16.5455, 16.5011, 17.3532



20.3578, 10.4866, 1.3266



1.8051, 0.9280, 0.2002



# Previews

## White Background



This preview shows how the XYZ color 54.3828, 53.1805, 92.1926 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

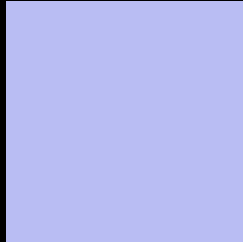
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.3828, 53.1805, 92.1926 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

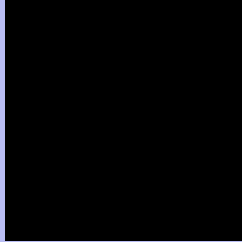
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.3828, 53.1805, 92.1926**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.3828, 53.1805, 92.1926.



This preview shows how white text looks on a background with the XYZ color 54.3828, 53.1805,



# 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

54.3828, 53.1805, 92.1926

### Protanopia

53.5503, 53.3770, 93.0683

### Deuteranopia

54.3828, 53.1805, 92.1926



## Tritanopia

49.7384, 53.2671, 68.6328

# Trichromacy



## Original Color

54.3828, 53.1805, 92.1926

## Protanomaly

53.7986, 53.1823, 93.0177

## Deuteranomaly

54.3828, 53.1805, 92.1926

## Tritanomaly

51.3108, 53.2376, 76.6788

# Monochromacy



## Original Color

54.3828, 53.1805, 92.1926

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

52.2192, 53.5291, 69.8673

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3828, 53.1805, 92.1926 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, 189, 243)` looks like.

```
.text, #text, p{  
    color:rgb(185, 189, 243)  
}
```

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, 189, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 189, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3828, 53.1805, 92.1926 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, 189, 243) }
```



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

```
.border{ border-color:rgb(185, 189, 243) }
```

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

Here you see how a box with a 4 pixel rgb(185, 189, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 189, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 189, 243);  
box-shadow:4px 4px 4px 4px rgb(185, 189,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3828, 53.1805, 92.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 189, 243) }
```

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

```
.background{ background-color: rgb(185,  
189, 243) }
```

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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