

Converting Colors

XYZ(55.4734, 48.9039,
112.3422)

Have a look what the booklet for
XYZ(55.4734, 48.9039, 112.3422)
contains.

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Color

**XYZ(53.3876, 48.1942,
101.0963)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AFFF
RGB	185, 175, 255
RGB Percent	73%, 69%, 100%
CMY	0.2745, 0.3137, 0.0000
CMYK	0.27, 0.31, 0.00, 0.00
HSL	248°, 100%, 84%
HSV	248°, 31%, 100%
XYZ	53.3876, 48.1942, 101.0963
YIQ	187.1100, -19.7200, 27.0000

Conversions

Conversions Part 2

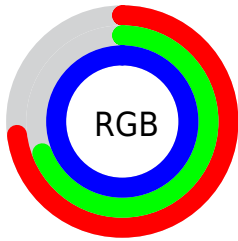
Format	Color
R_{YB}	185, 175, 255
Decimal	12169215
CIE _{Lab}	74.95, 20.53, -38.31
CIE _{LCh}	75, 43.463, 298.188
Yxy	48.1942, 0.2634, 0.2378
Android (android.graphics.Color)	4290359295 (0xFFB9AFFF)
YUV	187.1100, 33.4698, -1.8505
Hunter-Lab	69.4220, 15.7832, -37.7460

Details

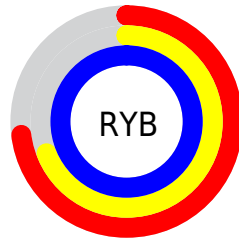
The XYZ color **53.3876, 48.1942, 101.0963** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.1543, 94.0277, 54.4311**, and the grayscale version is **47.1225, 49.5766, 53.9889**.

A 20% lighter version of the original color is **83.2439, 83.2491, 106.2890**, and **26.4819, 22.9890, 56.4676** is the 20% darker color. If you saturate the color by 10%, you get **43.9184, 36.6285, 99.3630**, and if you desaturate by 10%, it is **64.6416, 62.0731, 103.1821**.

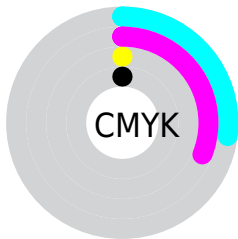
Distribution



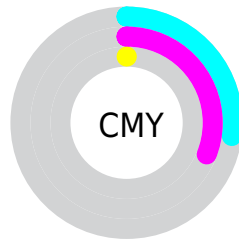
- Red (73%)
- Green (69%)
- Blue (100%)



- 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 53.3876, 48.1942, 101.0963 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 53.3876, 48.1942, 101.0963 by changing the saturation by 10% instead.

■ 53.3876, 48.1942,
101.0963

■ 53.3876, 48.1942,
101.0963

390.0070,
379.5614, 584.9785

■ 38.3410, 33.9807,
76.5944

■ 94.3366, 87.4935,
164.7279

■ 26.4259, 22.8788,
56.4105

120.9698,
113.3480, 204.6948

■ 17.2769, 14.5040,
40.1259

152.1959,
143.8518, 250.6537

■ 10.5286, 8.4720,
27.3222

188.3802,
179.3890, 303.0233

■ 5.8158, 4.3985,
17.5808

229.8881,
220.3442, 362.2220

■ 2.7730, 1.8989,
10.4831

277.0849,

■ 1.0349, 0.5477,

267.1017, 428.6684

5.6107

330.3361,
320.0460, 502.7811

■ 0.0000, 0.0000,
2.5449

■ 0.0000, 0.0000,
0.8638

■ 53.3876, 48.1942,
101.0963

■ 53.3876, 48.1942,
101.0963

■ 43.9184, 36.6285,
99.3630

■ 64.6416, 62.0731,
103.1821

■ 36.1373, 27.2446,
97.9618

■ 77.7612, 78.3761,
105.6374

■ 29.9452, 19.9061,
96.8717

■ 92.8280, 97.2137,
108.4793

■ 25.2308, 14.4590,
96.0688

■ 95.0500, 100.0000,
108.9000

■ 21.8680, 10.7273,
95.5257

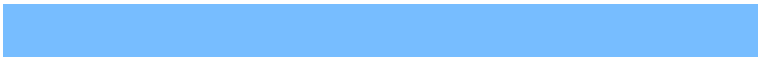
■ 19.7088, 8.5011,
95.2099

■ 18.6418, 7.5251,
95.0777

Harmonies

Analogous

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



45.3270, 48.1942, 109.2866



53.3876, 48.1942, 101.0963



60.0126, 48.1942, 79.0012

Triad

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



53.3876, 48.1942, 101.0963



54.3171, 48.1942, 23.4433



32.2039, 48.1942, 51.1075

Complementary

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



53.3876, 48.1942, 101.0963



81.1543, 94.0277, 54.4311

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.



34.0414, 48.1942, 32.6709



53.3876, 48.1942, 101.0963



46.2906, 48.1942, 19.8290

Square

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



53.3876, 48.1942, 101.0963



60.5913, 48.1942, 34.4446



38.9805, 48.1942, 22.6462



33.6476, 48.1942, 75.9033

Rectangle

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



53.3876, 48.1942, 101.0963



62.3975, 48.1942, 61.9239



38.9805, 48.1942, 22.6462



32.4536, 48.1942, 44.0403

Sweetspot

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



53.3891, 48.1960, 101.0966



81.1549, 82.6097, 106.2757



68.5846, 82.0435, 106.8289



16.9220, 17.1222, 22.6630



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.



53.3891, 48.1960, 101.0966



46.9176, 40.2777, 99.9093



64.2249, 53.7821, 101.6037



17.2140, 17.4865, 22.7179



9.8060, 3.9657, 49.6832



1.0181, 0.4188, 4.8404

Inverse Universe

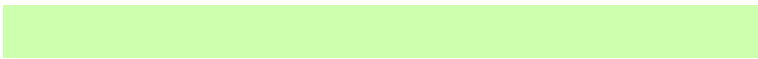
The Inverse Universe completely reimagines the original color for something new.



73.0520, 58.5139, 93.8301



69.6445, 52.2121, 91.1117



68.8599, 87.6897, 53.8557



18.6892, 18.2590, 22.2462



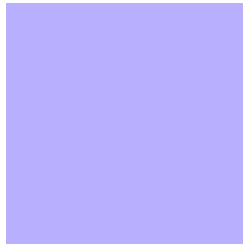
28.5555, 13.9115, 37.9055



2.8066, 1.3650, 3.8289

Previews

White Background



This preview shows how the XYZ color 53.3876, 48.1942, 101.0963 looks on a white background.

Color Contrast Check

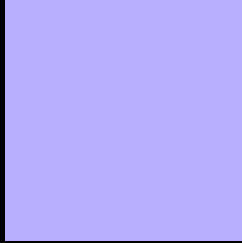
Large Text (above 18pt) WCAG AA × Fail

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 53.3876, 48.1942, 101.0963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

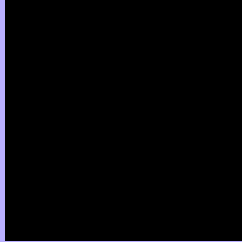
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3876, 48.1942, 101.0963

Background



This preview shows how black text looks on a background with the XYZ color 53.3876, 48.1942, 101.0963.



This preview shows how white text looks on a background with the XYZ color 53.3876, 48.1942,

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

53.3876, 48.1942, 101.0963

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.7216, 48.3982, 100.4871



Tritanopia

45.4398, 48.2866, 61.5689

Trichromacy



Original Color

53.3876, 48.1942, 101.0963

Protanomaly

50.7477, 48.0062, 101.1992

Deuteranomaly

50.8041, 48.0539, 100.3636

Tritanomaly

48.0063, 48.0882, 74.4619

Monochromacy



Original Color

53.3876, 48.1942, 101.0963

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.0669, 49.0595, 69.1707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3876, 48.1942, 101.0963 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 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, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3876, 48.1942, 101.0963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

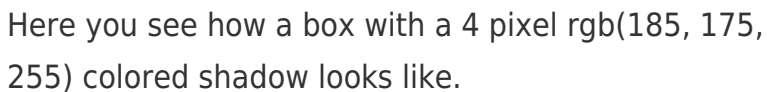
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 175, 255) }
```


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

```
.border{ border-color:rgb(185, 175, 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, 175, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3876, 48.1942, 101.0963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 255) }
```

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

```
.background{ background-color: rgb(185,  
175, 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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