

Converting Colors

XYZ(53.4397, 49.2466,
101.2967)

Have a look what the booklet for
XYZ(53.4397, 49.2466, 101.2967)
contains.

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Color

**XYZ(53.4615, 49.4053,
101.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B3FF
RGB	182, 179, 255
RGB Percent	71%, 70%, 100%
CMY	0.2863, 0.2980, 0.0000
CMYK	0.29, 0.30, 0.00, 0.00
HSL	242°, 100%, 85%
HSV	242°, 30%, 100%
XYZ	53.4615, 49.4053, 101.3262
YIQ	188.5610, -22.6080, 24.2720

Conversions

Conversions Part 2

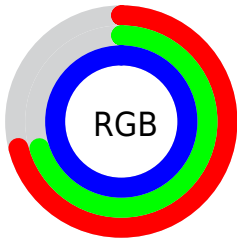
Format	Color
RYB	182, 179, 255
Decimal	11973631
CIELab	75.70, 17.46, -37.15
CIELCh	76, 41.053, 295.176
Yxy	49.4053, 0.2618, 0.2420
Android (android.graphics.Color)	4290163711 (0xFFB6B3FF)
YUV	188.5610, 32.7544, -5.7540
Hunter-Lab	70.2889, 12.7609, -36.2683

Details

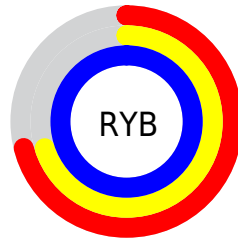
The XYZ color **53.4615, 49.4053, 101.3262** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0421, 95.4703, 56.6479**, and the grayscale version is **47.9489, 50.4460, 54.9357**.

A 20% lighter version of the original color is **83.3549, 84.9874, 106.6187**, and **26.4063, 23.5110, 56.5724** is the 20% darker color. If you saturate the color by 10%, you get **43.5282, 37.3872, 99.5300**, and if you desaturate by 10%, it is **65.3545, 63.8386, 103.4853**.

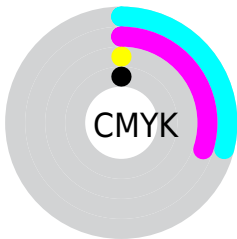
Distribution



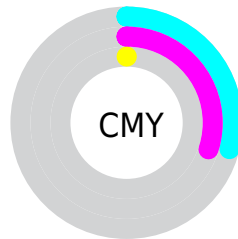
- Red (71%)
- Green (70%)
- Blue (100%)



- Red (71%)
- Yellow (70%)
- Blue (100%)



- Cyan (29%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4615, 49.4053, 101.3262 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 53.4615, 49.4053, 101.3262 by changing the saturation by 10% instead.

■ 53.4615, 49.4053,
101.3262

■ 53.4615, 49.4053,
101.3262

390.2851,
384.3357, 585.7192

■ 38.4003, 34.9411,
76.7855

■ 94.4447, 89.2931,
165.0462

■ 26.4721, 23.6175,
56.5663

121.0973,
115.4855, 205.0627

■ 17.3117, 15.0501,
40.2501

152.3444,
146.3561, 251.0748

■ 10.5537, 8.8546,
27.4184

188.5514,
182.2893, 303.5011

■ 5.8326, 4.6464,
17.6525

230.0836,
223.6694, 362.7602

■ 2.7833, 2.0414,
10.5339

277.3064,

■ 1.0402, 0.6313,

270.8810, 429.2705

5.6442

330.5851,
324.3083, 503.4507

■ 0.0000, 0.0000,
2.5647

■ 0.0000, 0.0000,
0.8741

■ 53.4615, 49.4053,
101.3262

■ 53.4615, 49.4053,
101.3262

■ 43.5282, 37.3872,
99.5300

■ 65.3545, 63.8386,
103.4853

■ 35.4451, 27.6472,
98.0760

■ 79.2997, 80.8030,
106.0247

■ 29.0991, 20.0431,
96.9427

95.0500, 100.0000,
108.9000

■ 24.3629, 14.4144,
96.1059

■ 21.0915, 10.5782,
95.5379

■ 19.1140, 8.3170,
95.2057

■ 18.1876, 7.2990,
95.0580

■ 18.1760, 7.2849,
95.0559

Harmonies

Analogous

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



45.7385, 49.4053, 107.2840



53.4615, 49.4053, 101.3262



60.0225, 49.4053, 81.4468

Triad

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



53.4615, 49.4053, 101.3262



55.8190, 49.4053, 26.2063



33.8355, 49.4053, 50.3464

Complementary

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



53.4615, 49.4053, 101.3262



84.0421, 95.4703, 56.6479

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.



35.9421, 49.4053, 33.2375



53.4615, 49.4053, 101.3262



48.1995, 49.4053, 21.9107

Square

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



53.4615, 49.4053, 101.3262



61.4834, 49.4053, 37.8648



41.0050, 49.4053, 24.0845



34.9224, 49.4053, 73.6610

Rectangle

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



53.4615, 49.4053, 101.3262



62.5704, 49.4053, 65.2431



41.0050, 49.4053, 24.0845



34.1864, 49.4053, 43.7693

Sweetspot

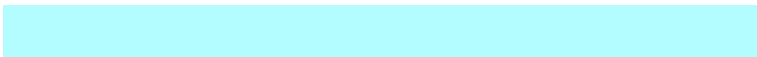
The Sweet Spot groups the original color and five complimentary colors.



53.4630, 49.4072, 101.3265



80.5105, 82.2776, 106.2455



71.5984, 86.7185, 107.5724



16.7649, 17.0412, 22.6556



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.



53.4630, 49.4072, 101.3265



47.0818, 41.6817, 100.1716



63.5455, 54.6049, 101.7983



17.0693, 17.4119, 22.7111



9.5260, 3.8213, 49.6701



0.9498, 0.3836, 4.8372

Inverse Universe

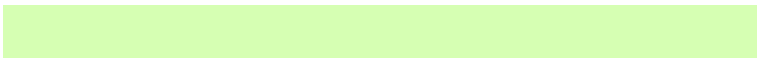
The Inverse Universe completely reimagines the original color for something new.



74.9316, 60.5300, 99.8299



71.8448, 54.5143, 98.3141



71.7656, 89.1416, 56.0734



18.7599, 18.2873, 22.6186



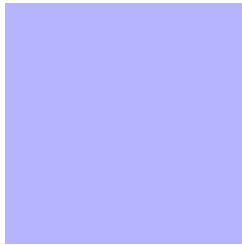
30.1692, 14.5570, 46.4031



2.9467, 1.4211, 4.5669

Previews

White Background



This preview shows how the XYZ color 53.4615, 49.4053, 101.3262 looks on a white background.

Color Contrast Check

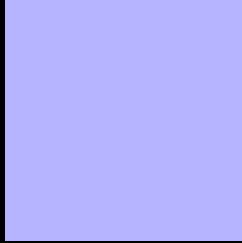
Large Text (above 18pt) WCAG AA × Fail

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 53.4615, 49.4053, 101.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

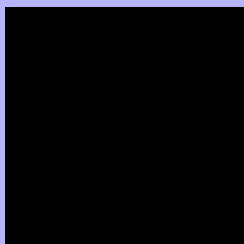
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4615, 49.4053, 101.3262

Background



This preview shows how black text looks on a background with the XYZ color 53.4615, 49.4053, 101.3262.



This preview shows how white text looks on a background with the XYZ color 53.4615, 49.4053,

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

53.4615, 49.4053, 101.3262

Protanopia

50.7075, 49.5003, 101.4897

Deuteranopia

50.7558, 49.5437, 100.6537



Tritanopia

46.1099, 49.5255, 64.2559

Trichromacy



Original Color

53.4615, 49.4053, 101.3262

Protanomaly

51.5725, 49.3338, 101.4120

Deuteranomaly

51.6306, 49.3823, 100.5764

Tritanomaly

48.5727, 49.2557, 76.7593

Monochromacy



Original Color

53.4615, 49.4053, 101.3262

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6089, 49.9411, 69.9757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4615, 49.4053, 101.3262 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, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 179, 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(182, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.4615, 49.4053, 101.3262 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, 179, 255) }
```


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

```
.border{ border-color:rgb(182, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4615, 49.4053, 101.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 179, 255) }
```

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

```
.background{ background-color: rgb(182,  
179, 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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