

Converting Colors

XYZ(51.9779, 48.2800,
100.4593)

Have a look what the booklet for
XYZ(51.9779, 48.2800, 100.4593)
contains.

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Color

**XYZ(51.9412, 48.3437,
100.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B2FE
RGB	177, 178, 254
RGB Percent	69%, 70%, 100%
CMY	0.3059, 0.3019, 0.0039
CMYK	0.30, 0.30, 0.00, 0.00
HSL	239°, 97%, 85%
HSV	239°, 30%, 100%
XYZ	51.9412, 48.3437, 100.3596
YIQ	186.3650, -24.9920, 23.4240

Conversions

Conversions Part 2

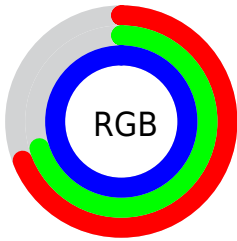
Format	Color
R _Y B	177, 178, 254
Decimal	11645694
CIE Lab	75.04, 16.37, -37.67
CIE LCh	75, 41.073, 293.482
Yxy	48.3437, 0.2589, 0.2409
Android (android.graphics.Color)	4289835774 (0xFFB1B2FE)
YUV	186.3650, 33.3441, -8.2131
Hunter-Lab	69.5296, 11.6692, -36.9089

Details

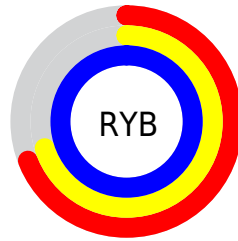
The XYZ color **51.9412, 48.3437, 100.3596** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **83.9349, 94.4962, 55.4123**, and the grayscale version is **46.7070, 49.1394, 53.5128**.

A 20% lighter version of the original color is **81.4045, 83.5581, 106.4456**, and **25.4377, 22.8360, 55.8904** is the 20% darker color. If you saturate the color by 10%, you get **42.1447, 36.5538, 98.6011**, and if you desaturate by 10%, it is **63.7293, 62.5154, 102.4746**.

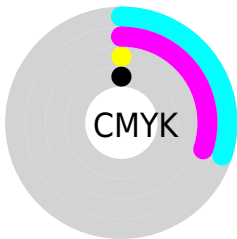
Distribution



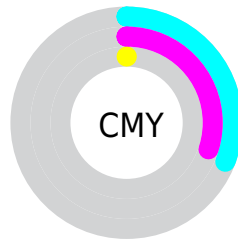
- Red (69%)
- Green (70%)
- Blue (100%)



- Red (69%)
- Yellow (70%)
- Blue (100%)



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



- Cyan (31%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9412, 48.3437, 100.3596 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 51.9412, 48.3437, 100.3596 by changing the saturation by 10% instead.

■ 51.9412, 48.3437,
100.3596

■ 51.9412, 48.3437,
100.3596

384.5373,
380.1529, 582.6015

■ 37.1823, 34.0991,
75.9823

■ 92.2193, 87.7159,
163.7075

■ 25.5230, 22.9698,
55.9115

118.4691,
113.6124, 203.5151

■ 16.5979, 14.5712,
39.7284

149.2800,
144.1616, 249.3033

■ 10.0418, 8.5190,
27.0147

185.0173,
179.7480, 301.4906

■ 5.4891, 4.4288,
17.3517

226.0463,
220.7559, 360.4955

■ 2.5747, 1.9162,
10.3210

272.7324,

■ 0.9331, 0.5581,

267.5697, 426.7366

5.5039

325.4409,
320.5739, 500.6324

■ 0.0000, 0.0000,
2.4820

■ 0.0000, 0.0000,
0.8306

■ 51.9412, 48.3437,
100.3596

■ 51.9412, 48.3437,
100.3596

■ 42.1447, 36.5538,
98.6011

■ 63.7293, 62.5154,
102.4746

■ 34.2251, 27.0097,
97.1763

■ 77.6051, 79.1836,
104.9605

■ 28.0641, 19.5707,
96.0652

■ 93.6645, 98.4623,
107.8353

■ 23.5276, 14.0776,
95.2440

■ 94.8896, 99.9358,
108.0551

■ 20.4625, 10.3487,
94.6858

■ 18.6862, 8.1684,
94.3586

■ 17.9254, 7.2275,
94.2171

Harmonies

Analogous

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



44.3308, 48.3437, 105.2889



51.9412, 48.3437, 100.3596



58.5471, 48.3437, 81.2544

Triad

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



51.9412, 48.3437, 100.3596



55.0808, 48.3437, 25.9240



33.0536, 48.3437, 48.0853

Complementary

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



51.9412, 48.3437, 100.3596



83.9349, 94.4962, 55.4123

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.



35.3020, 48.3437, 31.6792



51.9412, 48.3437, 100.3596



47.6066, 48.3437, 21.3327

Square

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



51.9412, 48.3437, 100.3596



60.4933, 48.3437, 37.8307



40.4368, 48.3437, 23.1074



33.9459, 48.3437, 70.8787

Rectangle

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



51.9412, 48.3437, 100.3596



61.2161, 48.3437, 65.2820



40.4368, 48.3437, 23.1074



33.4584, 48.3437, 41.7422

Sweetspot

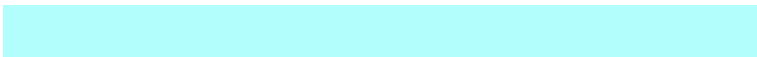
The Sweet Spot groups the original color and five complimentary colors.



51.9429, 48.3456, 100.3607



80.2997, 82.2937, 106.2598



71.2590, 87.3056, 105.7888



16.7135, 17.0451, 22.6591



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.



51.9429, 48.3456, 100.3607



46.5412, 41.7195, 100.2074



61.4078, 52.9304, 100.7468



17.0220, 17.4155, 22.7143



9.4585, 3.8266, 49.6747



0.9273, 0.3853, 4.8388

Inverse Universe

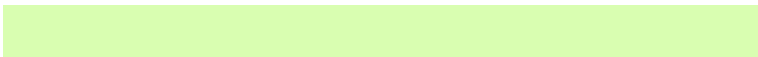
The Inverse Universe completely reimagines the original color for something new.



64.6324, 55.7310, 49.4721



61.1091, 50.2200, 41.7810



71.9298, 88.7776, 54.9413



18.0190, 17.9909, 18.7171



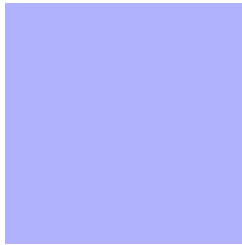
21.5624, 11.1143, 1.0802



2.1027, 1.0834, 0.1221

Previews

White Background



This preview shows how the XYZ color 51.9412, 48.3437, 100.3596 looks on a white background.

Color Contrast Check

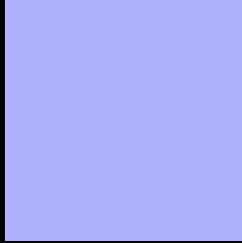
Large Text (above 18pt) WCAG AA × Fail

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 51.9412, 48.3437, 100.3596 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 51.9412, 48.3437, 100.3596

Background



This preview shows how black text looks on a background with the XYZ color 51.9412, 48.3437, 100.3596.



This preview shows how white text looks on a background with the XYZ color 51.9412, 48.3437,

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

51.9412, 48.3437, 100.3596

Protanopia

49.8822, 48.4624, 101.3329

Deuteranopia

49.5618, 48.3343, 99.6458



Tritanopia

44.4886, 48.3852, 63.4944

Trichromacy



Original Color

51.9412, 48.3437, 100.3596

Protanomaly

50.7223, 48.5926, 101.3137

Deuteranomaly

50.4019, 48.4644, 99.6266

Tritanomaly

46.9029, 48.1010, 75.9196

Monochromacy



Original Color

51.9412, 48.3437, 100.3596

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.2198, 48.6374, 68.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9412, 48.3437, 100.3596 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(177, 178, 254)` looks like.

```
.text, #text, p{  
    color:rgb(177, 178, 254)  
}
```

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(177, 178, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 178, 254) }
```

Border

The CSS property to change the border of an element to XYZ 51.9412, 48.3437, 100.3596 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(177, 178, 254) }
```


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

```
.border{ border-color:rgb(177, 178, 254) }
```

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

Here you see how a box with a 4 pixel rgb(177, 178, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 178, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 178, 254);  
box-shadow:4px 4px 4px 4px rgb(177, 178,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9412, 48.3437, 100.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 178, 254) }
```

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

```
.background{ background-color: rgb(177,  
178, 254) }
```

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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