

Converting Colors

XYZ(50.3140, 48.0264, 94.8977)

Have a look what the booklet for
XYZ(50.3140, 48.0264, 94.8977)
contains.

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Color

**XYZ(50.1422, 47.8398,
94.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB3F7
RGB	173, 179, 247
RGB Percent	68%, 70%, 97%
CMY	0.3216, 0.2980, 0.0314
CMYK	0.30, 0.28, 0.00, 0.03
HSL	235°, 82%, 82%
HSV	235°, 30%, 97%
XYZ	50.1422, 47.8398, 94.5869
YIQ	184.9580, -25.4040, 19.8760

Conversions

Conversions Part 2

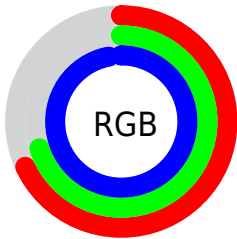
Format	Color
RYB	173, 179, 247
Decimal	11383799
CIELab	74.72, 12.96, -34.41
CIElCh	75, 36.772, 290.635
Yxy	47.8398, 0.2604, 0.2484
Android (android.graphics.Color)	4289573879 (0xFFADB3F7)
YUV	184.9580, 30.5867, -10.4872
Hunter-Lab	69.1663, 8.3627, -32.6643

Details

The XYZ color **50.1422, 47.8398, 94.5869** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **77.3570, 85.7029, 52.0022**, and the grayscale version is **45.9375, 48.3299, 52.6312**.

A 20% lighter version of the original color is **80.3915, 83.4597, 106.4800**, and **24.3629, 22.5614, 51.7859** is the 20% darker color. If you saturate the color by 10%, you get **40.9963, 36.9195, 92.9619**, and if you desaturate by 10%, it is **61.0497, 60.7818, 96.5109**.

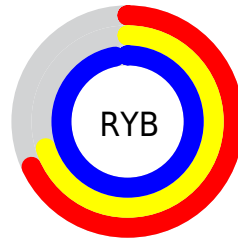
Distribution



Red (68%)

Green (70%)

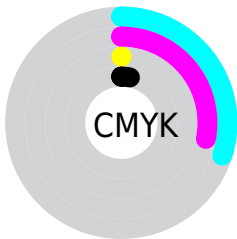
Blue (97%)



Red (68%)

Yellow (70%)

Blue (97%)

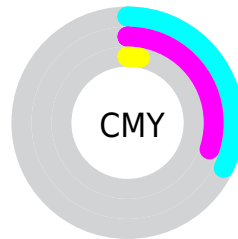


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (30%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1422, 47.8398, 94.5869 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 50.1422, 47.8398, 94.5869 by changing the saturation by 10% instead.

■ 50.1422, 47.8398,
94.5869

■ 50.1422, 47.8398,
94.5869

377.6646,
378.1568, 563.7922

■ 35.7447, 33.7000,
71.1962

■ 89.5761, 86.9658,
155.6844

■ 24.4063, 22.6633,
52.0195

115.3432,
112.7209, 194.2284

■ 15.7616, 14.3451,
36.6383

145.6308,
143.1165, 238.6604

■ 9.4454, 8.3610,
24.6340

180.8043,
178.5371, 289.3992

■ 5.0922, 4.3268,
15.5880

221.2291,
219.3670, 346.8632

■ 2.3368, 1.8580,
9.0819

267.2705,

■ 0.8134, 0.5230,

265.9907, 411.4711

4.6971

319.2939,
318.7925, 483.6412

■ 0.0000, 0.0000,
2.0151

■ 0.0000, 0.0000,
0.5645

■ 50.1422, 47.8398,
94.5869

■ 50.1422, 47.8398,
94.5869

■ 40.9963, 36.9195,
92.9619

■ 61.0497, 60.7818,
96.5109

■ 33.5147, 27.9133,
91.6179

■ 73.7995, 75.8345,
98.7444

■ 27.5984, 20.7122,
90.5398

■ 88.4731, 93.0885,
101.3014

■ 23.1357, 15.1940,
89.7099

■ 93.7887, 99.4955,
102.2579

■ 19.9998, 11.2212,
89.1083

■ 18.0420, 8.6343,
88.7122

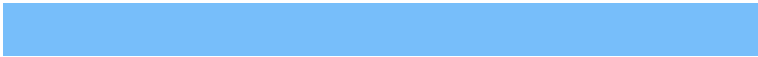
■ 17.0423, 7.2207,
88.4920

■ 17.0393, 7.2167,
88.4914

Harmonies

Analogous

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



43.4148, 47.8398, 97.3933



50.1422, 47.8398, 94.5869



56.1257, 47.8398, 79.0365

Triad

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



50.1422, 47.8398, 94.5869



54.1009, 47.8398, 28.5372



33.9520, 47.8398, 46.3373

Complementary

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



50.1422, 47.8398, 94.5869



77.3570, 85.7029, 52.0022

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.



36.2568, 47.8398, 32.0907



50.1422, 47.8398, 94.5869



47.5897, 47.8398, 23.6003

Square

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



50.1422, 47.8398, 94.5869



58.5619, 47.8398, 40.1861



41.0980, 47.8398, 24.7189



34.4914, 47.8398, 66.1378

Rectangle

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



50.1422, 47.8398, 94.5869



58.6771, 47.8398, 65.2448



41.0980, 47.8398, 24.7189



34.4106, 47.8398, 40.8331

Sweetspot

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



50.1438, 47.8417, 94.5880



80.7424, 83.1790, 106.4073



66.3479, 81.7478, 95.3716



16.8214, 17.2609, 22.6950



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.



50.1438, 47.8417, 94.5880



47.6909, 44.0189, 100.5907



56.5898, 49.4182, 94.5526



15.6891, 16.1425, 20.8315



9.0510, 3.8958, 46.8130



0.8320, 0.4154, 4.1266

Inverse Universe

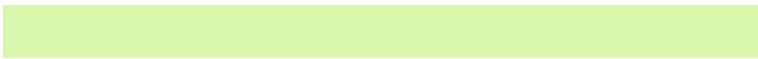
The Inverse Universe completely reimagines the original color for something new.



61.4394, 52.9177, 49.6255



61.6894, 50.4522, 44.8369



69.1730, 84.1641, 52.1365



16.5537, 16.5043, 17.3961



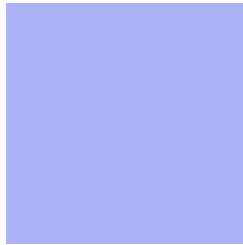
20.3731, 10.4927, 1.4069



1.8090, 0.9296, 0.2206

Previews

White Background



This preview shows how the XYZ color 50.1422, 47.8398, 94.5869 looks on a white background.

Color Contrast Check

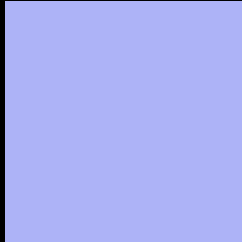
Large Text (above 18pt) WCAG AA × Fail

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 50.1422, 47.8398, 94.5869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

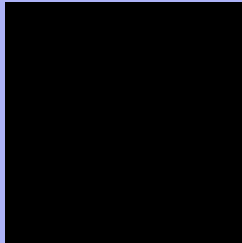
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1422, 47.8398, 94.5869

Background



This preview shows how black text looks on a background with the XYZ color 50.1422, 47.8398, 94.5869.



This preview shows how white text looks on a background with the XYZ color 50.1422, 47.8398,

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

50.1422, 47.8398, 94.5869

Protanopia

48.9326, 47.7798, 96.2659

Deuteranopia

49.0383, 47.8701, 94.6510



Tritanopia

43.7408, 47.6974, 62.7783

Trichromacy



Original Color

50.1422, 47.8398, 94.5869

Protanomaly

49.2009, 47.6353, 95.4083

Deuteranomaly

49.4719, 47.7929, 94.6132

Tritanomaly

45.7317, 47.5584, 73.0990

Monochromacy



Original Color

50.1422, 47.8398, 94.5869

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.3747, 48.2448, 66.4898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1422, 47.8398, 94.5869 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(173, 179, 247)` looks like.

```
.text, #text, p{  
    color:rgb(173, 179, 247)  
}
```

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(173, 179, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 179, 247) }
```

Border

The CSS property to change the border of an element to XYZ 50.1422, 47.8398, 94.5869 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(173, 179, 247) }
```


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

```
.border{ border-color:rgb(173, 179, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 179, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 179, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 179, 247);  
box-shadow:4px 4px 4px 4px rgb(173, 179,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1422, 47.8398, 94.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 179, 247) }
```

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

```
.background{ background-color: rgb(173,  
179, 247) }
```

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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