

Converting Colors

XYZ(52.3946, 48.4167, 98.2963)

Have a look what the booklet for
XYZ(52.3946, 48.4167, 98.2963)
contains.

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Color

**XYZ(52.3489, 48.2963,
98.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B1FC
RGB	181, 177, 252
RGB Percent	71%, 69%, 99%
CMY	0.2902, 0.3059, 0.0118
CMYK	0.28, 0.30, 0.00, 0.01
HSL	243°, 93%, 84%
HSV	243°, 30%, 99%
XYZ	52.3489, 48.2963, 98.6585
YIQ	186.7460, -21.6910, 24.1730

Conversions

Conversions Part 2

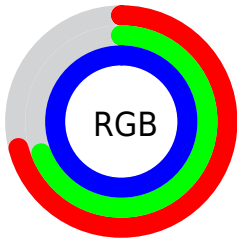
Format	Color
R_{YB}	181, 177, 252
Decimal	11907580
CIE _{Lab}	75.01, 17.56, -36.62
CIE _{LCh}	75, 40.610, 295.622
Yxy	48.2963, 0.2627, 0.2423
Android (android.graphics.Color)	4290097660 (0xFFB5B1FC)
YUV	186.7460, 32.1702, -5.0392
Hunter-Lab	69.4955, 12.8415, -35.5235

Details

The XYZ color **52.3489, 48.2963, 98.6585** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **81.4587, 92.7526, 55.2065**, and the grayscale version is **46.9257, 49.3695, 53.7634**.

A 20% lighter version of the original color is **82.4488, 83.6750, 106.4131**, and **25.6622, 22.7911, 54.6763** is the 20% darker color. If you saturate the color by 10%, you get **42.7006, 36.6040, 96.9110**, and if you desaturate by 10%, it is **63.8773, 62.3242, 100.7594**.

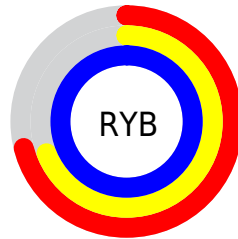
Distribution



Red (71%)

Green (69%)

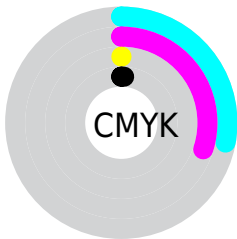
Blue (99%)



Red (71%)

Yellow (69%)

Blue (99%)

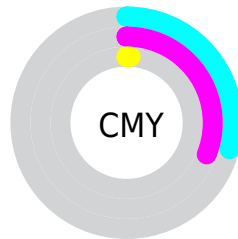


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3489, 48.2963, 98.6585 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 52.3489, 48.2963, 98.6585 by changing the saturation by 10% instead.

■ 52.3489, 48.2963,
98.6585

■ 52.3489, 48.2963,
98.6585

386.0840,
379.9654, 577.0930

■ 37.5086, 34.0616,
74.5700

■ 92.8168, 87.6454,
161.3482

■ 25.7770, 22.9409,
54.7611

119.1751,
113.5286, 200.7865

■ 16.7887, 14.5499,
38.8132

150.1035,
144.0634, 246.1785

■ 10.1783, 8.5041,
26.3077

185.9673,
179.6342, 297.9428

■ 5.5805, 4.4192,
16.8262

227.1319,
220.6254, 356.4978

■ 2.6300, 1.9107,
9.9500

273.9627,

■ 0.9612, 0.5548,

267.4214, 422.2622

5.2606

326.8249,
320.4066, 495.6544

■ 0.0000, 0.0000,
2.3396

■ 0.0000, 0.0000,
0.7533

■ 52.3489, 48.2963,
98.6585

■ 52.3489, 48.2963,
98.6585

■ 42.7006, 36.6040,
96.9110

■ 63.8773, 62.3242,
100.7594

■ 34.8280, 27.1151,
95.4944

■ 77.3729, 78.7989,
103.2280

■ 28.6241, 19.6931,
94.3888

■ 92.9234, 97.8314,
106.0821

■ 23.9684, 14.1838,
93.5708

■ 94.5708, 99.8083,
106.3768

■ 20.7241, 10.4115,
93.0136

■ 18.7303, 8.1680,
92.6857

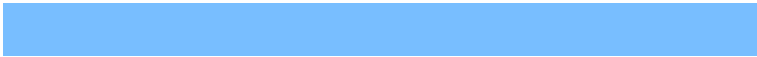
■ 17.7587, 7.1349,
92.5375

■ 17.7434, 7.1173,
92.5349

Harmonies

Analogous

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



44.8244, 48.2963, 104.7036



52.3489, 48.2963, 98.6585



58.7039, 48.2963, 79.1733

Triad

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



52.3489, 48.2963, 98.6585



54.4336, 48.2963, 25.5749



33.1065, 48.2963, 49.5307

Complementary

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



52.3489, 48.2963, 98.6585



81.4587, 92.7526, 55.2065

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.



35.1150, 48.2963, 32.7375



52.3489, 48.2963, 98.6585



47.0012, 48.2963, 21.4787

Square

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



52.3489, 48.2963, 98.6585



59.9955, 48.2963, 36.8335



40.0114, 48.2963, 23.6953



34.2125, 48.2963, 72.2910

Rectangle

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



52.3489, 48.2963, 98.6585



61.1447, 48.2963, 63.3906



40.0114, 48.2963, 23.6953



33.4332, 48.2963, 43.0855

Sweetspot

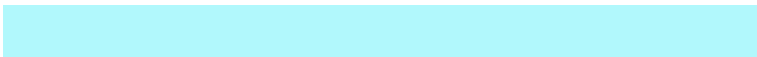
The Sweet Spot groups the original color and five complimentary colors.



52.3505, 48.2982, 98.6596



80.6145, 82.3312, 106.2504



69.3478, 83.6652, 104.5903



16.7902, 17.0543, 22.6568



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.



52.3505, 48.2982, 98.6596



47.3516, 41.8208, 100.1843



62.2826, 53.4184, 99.1244



16.3687, 16.6872, 21.7435



9.2787, 3.7260, 48.2037



0.8886, 0.3601, 4.4659

Inverse Universe

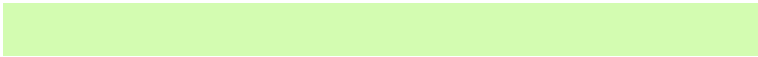
The Inverse Universe completely reimagines the original color for something new.



72.8115, 58.9187, 96.3427



71.6444, 54.4341, 97.2588



69.5400, 86.6083, 54.6487



17.9507, 17.5076, 21.5962



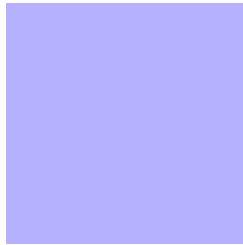
29.0118, 14.0205, 43.6322



2.6989, 1.3033, 4.1038

Previews

White Background



This preview shows how the XYZ color 52.3489, 48.2963, 98.6585 looks on a white background.

Color Contrast Check

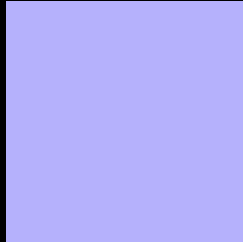
Large Text (above 18pt) WCAG AA × Fail

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 52.3489, 48.2963, 98.6585 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 52.3489, 48.2963, 98.6585

Background



This preview shows how black text looks on a background with the XYZ color 52.3489, 48.2963, 98.6585.

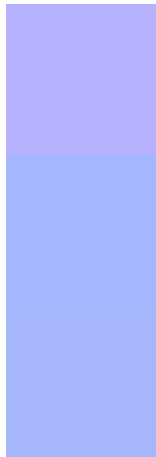


This preview shows how white text looks on a background with the XYZ color 52.3489, 48.2963,

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

52.3489, 48.2963, 98.6585

Protanopia

49.8822, 48.4624, 101.3329

Deuteranopia

49.6576, 48.4203, 97.9956



Tritanopia

45.2256, 48.4628, 62.8477

Trichromacy



Original Color

52.3489, 48.2963, 98.6585

Protanomaly

50.7882, 48.3443, 100.4205

Deuteranomaly

50.5284, 48.2655, 97.9198

Tritanomaly

47.5310, 48.1482, 74.4985

Monochromacy



Original Color

52.3489, 48.2963, 98.6585

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6989, 48.8844, 68.4969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3489, 48.2963, 98.6585 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(181, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 252)  
}
```

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(181, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 252) }
```

Border

The CSS property to change the border of an element to XYZ 52.3489, 48.2963, 98.6585 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(181, 177, 252) }
```


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

```
.border{ border-color:rgb(181, 177, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3489, 48.2963, 98.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 252) }
```

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

```
.background{ background-color: rgb(181,  
177, 252) }
```

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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