

Converting Colors

XYZ(52.8807, 47.5379, 93.6084)

Have a look what the booklet for
XYZ(52.8807, 47.5379, 93.6084)
contains.

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Color

**XYZ(52.8133, 47.4881,
93.5713)**

Conversions

Conversions Part 1

Format	Color
Hex	BEADF6
RGB	190, 173, 246
RGB Percent	75%, 68%, 96%
CMY	0.2549, 0.3216, 0.0353
CMYK	0.23, 0.30, 0.00, 0.04
HSL	254°, 80%, 82%
HSV	254°, 30%, 96%
XYZ	52.8133, 47.4881, 93.5713
YIQ	186.4050, -13.3010, 26.3070

Conversions

Conversions Part 2

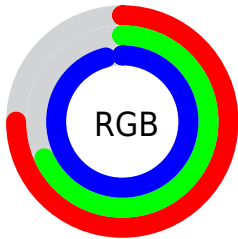
Format	Color
R _{YB}	190, 173, 246
Decimal	12496374
CIE _{Lab}	74.50, 20.97, -34.11
CIE _{LCh}	75, 40.042, 301.581
Yxy	47.4881, 0.2724, 0.2449
Android (android.graphics.Color)	4290686454 (0xFFBEADF6)
YUV	186.4050, 29.3803, 3.1528
Hunter-Lab	68.9116, 16.2056, -32.2685

Details

The XYZ color **52.8133, 47.4881, 93.5713** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **72.8130, 85.5877, 52.2196**, and the grayscale version is **46.7462, 49.1806, 53.5577**.

A 20% lighter version of the original color is **84.1512, 82.4810, 106.0929**, and **26.0144, 22.4998, 51.1159** is the 20% darker color. If you saturate the color by 10%, you get **44.1112, 36.6333, 91.9356**, and if you desaturate by 10%, it is **62.9973, 60.3982, 95.5272**.

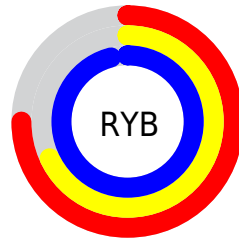
Distribution



Red (75%)

Green (68%)

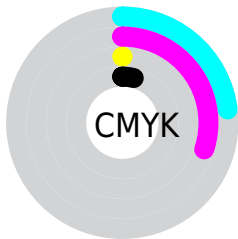
Blue (96%)



Red (75%)

Yellow (68%)

Blue (96%)

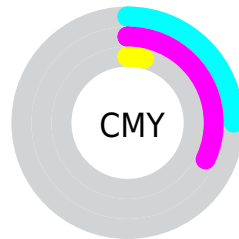


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8133, 47.4881, 93.5713 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 52.8133, 47.4881, 93.5713 by changing the saturation by 10% instead.

■ 52.8133, 47.4881,
93.5713

■ 52.8133, 47.4881,
93.5713

387.8410,
376.7595, 560.4480

■ 37.8806, 33.4217,
70.3561

■ 93.4967, 86.4417,
154.2679

■ 26.0668, 22.4497,
51.3383

119.9782,
112.0978, 192.5863

■ 17.0066, 14.1877,
36.0993

151.0400,
142.3858, 236.7763

■ 10.3345, 8.2513,
24.2206

187.0474,
177.6902, 287.2564

■ 5.6853, 4.2562,
15.2837

228.3659,
218.3953, 344.4451

■ 2.6935, 1.8179,
8.8699

275.3608,

■ 0.9938, 0.4983,

264.8857, 408.7609

4.5607

328.3973,
317.5456, 480.6223

■ 0.0000, 0.0000,
1.9377

■ 0.0000, 0.0000,
0.5166

■ 52.8133, 47.4881,
93.5713

■ 52.8133, 47.4881,
93.5713

■ 44.1112, 36.6333,
91.9356

■ 62.9973, 60.3982,
95.5272

■ 36.8154, 27.7205,
90.5998

■ 74.7245, 75.4573,
97.8159

■ 30.8502, 20.6344,
89.5464

■ 88.0585, 92.7603,
100.4529

■ 26.1308, 15.2446,
88.7548

■ 93.6347, 99.4339,
101.4471

■ 22.5621, 11.4030,
88.2014

■ 20.0334, 8.9349,
87.8583

■ 18.3827, 7.5679,
87.6814

■ 18.3384, 7.5322,
87.6769

Harmonies

Analogous

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



45.5205, 47.4881, 102.5776



52.8133, 47.4881, 93.5713



58.4970, 47.4881, 73.0591

Triad

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



52.8133, 47.4881, 93.5713



52.0794, 47.4881, 24.0042



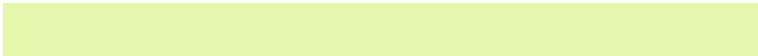
32.6190, 47.4881, 52.8122

Complementary

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



52.8133, 47.4881, 93.5713



72.8130, 85.5877, 52.2196

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.



33.9822, 47.4881, 34.9813



52.8133, 47.4881, 93.5713



44.7537, 47.4881, 21.2497

Square

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



52.8133, 47.4881, 93.5713



58.0424, 47.4881, 33.5361



38.2413, 47.4881, 24.6685



34.3005, 47.4881, 75.4800

Rectangle

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



52.8133, 47.4881, 93.5713



60.3288, 47.4881, 57.7566



38.2413, 47.4881, 24.6685



32.7355, 47.4881, 46.0944

Sweetspot

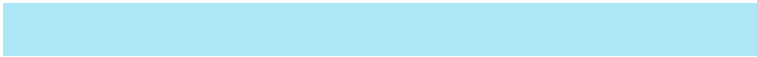
The Sweet Spot groups the original color and five complimentary colors.



52.8149, 47.4900, 93.5724



81.9776, 83.0339, 106.3142



62.2174, 72.2352, 97.8531



17.1231, 17.2259, 22.6724



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.



52.8149, 47.4900, 93.5724



51.0885, 43.7473, 100.3592



62.7297, 52.6013, 94.0364



15.9423, 16.1129, 20.8124



9.8898, 4.0727, 46.8029



0.9562, 0.4028, 4.1176

Inverse Universe

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



67.0938, 55.1389, 81.2369



69.1698, 53.4443, 84.2280



62.6670, 80.3573, 51.7447



17.0389, 16.6984, 19.9514



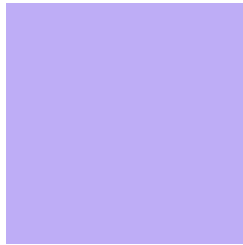
25.2290, 12.4350, 26.9782



2.2565, 1.1085, 2.5769

Previews

White Background



This preview shows how the XYZ color 52.8133, 47.4881, 93.5713 looks on a white background.

Color Contrast Check

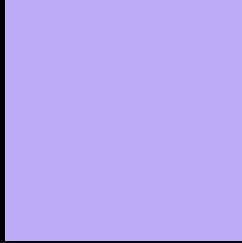
Large Text (above 18pt) WCAG AA × Fail

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 52.8133, 47.4881, 93.5713 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 52.8133, 47.4881, 93.5713

Background



This preview shows how black text looks on a background with the XYZ color 52.8133, 47.4881, 93.5713.



This preview shows how white text looks on a background with the XYZ color 52.8133, 47.4881,

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

52.8133, 47.4881, 93.5713

Protanopia

48.9949, 47.7574, 98.7313

Deuteranopia

48.5867, 47.3897, 92.1743



Tritanopia

45.8620, 47.3109, 59.5380

Trichromacy



Original Color

52.8133, 47.4881, 93.5713

Protanomaly

50.1890, 47.5136, 96.9683

Deuteranomaly

49.8828, 47.1508, 92.8581

Tritanomaly

48.1530, 47.3368, 70.8890

Monochromacy



Original Color

52.8133, 47.4881, 93.5713

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.4026, 48.1666, 66.4205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8133, 47.4881, 93.5713 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(190, 173, 246)` looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 246)  
}
```

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(190, 173, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 246) }
```

Border

The CSS property to change the border of an element to XYZ 52.8133, 47.4881, 93.5713 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(190, 173, 246) }
```


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

```
.border{ border-color:rgb(190, 173, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 173, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 246);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8133, 47.4881, 93.5713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 246) }
```

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

```
.background{ background-color: rgb(190,  
173, 246) }
```

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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