

Converting Colors

XYZ(50.5772, 44.3048, 97.1527)

Have a look what the booklet for
XYZ(50.5772, 44.3048, 97.1527)
contains.

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Color

**XYZ(50.5772, 44.3048,
97.1527)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A6FB
RGB	183, 166, 251
RGB Percent	72%, 65%, 98%
CMY	0.2823, 0.3490, 0.0157
CMYK	0.27, 0.34, 0.00, 0.02
HSL	252°, 91%, 82%
HSV	252°, 34%, 98%
XYZ	50.5772, 44.3048, 97.1527
YIQ	180.7730, -17.1530, 30.0390

Conversions

Conversions Part 2

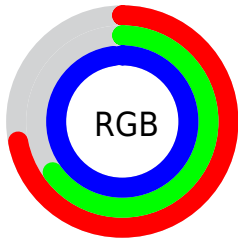
Format	Color
R _Y B	183, 166, 251
Decimal	12035835
CIE Lab	72.43, 24.00, -40.07
CIE LCh	72, 46.713, 300.920
Yxy	44.3048, 0.2634, 0.2307
Android (android.graphics.Color)	4290225915 (0xFFB7A6FB)
YUV	180.7730, 34.6219, 1.9531
Hunter-Lab	66.5619, 19.1505, -39.9455

Details

The XYZ color **50.5772, 44.3048, 97.1527** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.3130, 89.2409, 49.3340**, and the grayscale version is **43.6255, 45.8974, 49.9822**.

A 20% lighter version of the original color is **79.8416, 77.4582, 105.3506**, and **24.6570, 20.5189, 53.6999** is the 20% darker color. If you saturate the color by 10%, you get **42.0118, 33.7648, 95.5705**, and if you desaturate by 10%, it is **60.7174, 56.9802, 99.0656**.

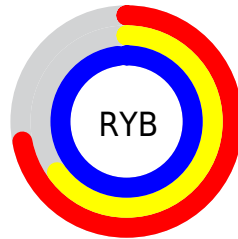
Distribution



Red (72%)

Green (65%)

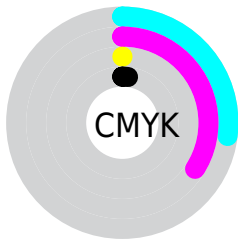
Blue (98%)



Red (72%)

Yellow (65%)

Blue (98%)

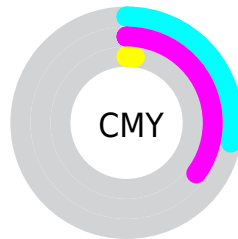


Cyan (27%)

Magenta (34%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (35%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5772, 44.3048, 97.1527 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 50.5772, 44.3048, 97.1527 by changing the saturation by 10% instead.


 50.5772, 44.3048,
97.1527


 50.5772, 44.3048,
97.1527


379.3337,
363.9506, 572.1933

 36.0919, 30.9102,
73.3212

 90.2162, 81.6762,
159.2564

 24.6756, 20.5305,
53.7452


 116.1006,
106.4218, 198.3656

 15.9630, 12.7812,
38.0062


146.5155,
135.7198, 243.4046

 9.5887, 7.2781,
25.6857

181.8262,
169.9547, 294.7918

 5.1872, 3.6366,
16.3650

222.3979,
209.5108, 352.9457

 2.3934, 1.4724,
9.6256

268.5962,

 0.8418, 0.2692,

254.7726, 418.2849

5.0491

320.7863,
306.1244, 491.2279

■ 0.0000, 0.0000,
2.2169

■ 0.0000, 0.0000,
0.6841

■ 50.5772, 44.3048,
97.1527

■ 50.5772, 44.3048,
97.1527

■ 42.0118, 33.7648,
95.5705

■ 60.7174, 56.9802,
99.0656

■ 34.9359, 25.2362,
94.2973

■ 72.5026, 71.8953,
101.3234

■ 29.2629, 18.5901,
93.3134

■ 86.0043, 89.1539,
103.9430

■ 24.8950, 13.6801,
92.5959

■ 94.4127, 99.7451,
105.5441

■ 21.7209, 10.3378,
92.1181

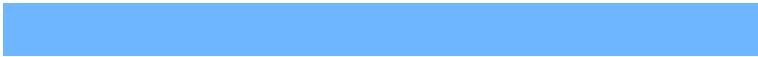
■ 19.6088, 8.3593,
91.8475

■ 18.7380, 7.6483,
91.7562

Harmonies

Analogous

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



42.3594, 44.3048, 107.5425



50.5772, 44.3048, 97.1527



57.1418, 44.3048, 73.1592

Triad

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



50.5772, 44.3048, 97.1527



50.0923, 44.3048, 18.9398



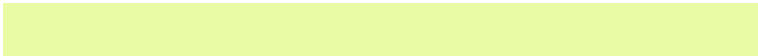
28.4496, 44.3048, 48.9558

Complementary

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



50.5772, 44.3048, 97.1527



75.3130, 89.2409, 49.3340

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.



29.9773, 44.3048, 29.7397



50.5772, 44.3048, 97.1527



41.8623, 44.3048, 16.1009

Square

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



50.5772, 44.3048, 97.1527



56.8376, 44.3048, 28.8555



34.6455, 44.3048, 19.3240



30.1759, 44.3048, 74.7989

Rectangle

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



50.5772, 44.3048, 97.1527



59.3232, 44.3048, 55.5816



34.6455, 44.3048, 19.3240



28.5977, 44.3048, 41.5758

Sweetspot

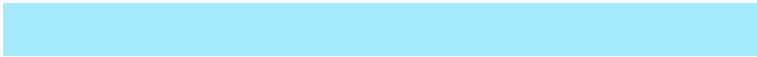
The Sweet Spot groups the original color and five complimentary colors.



50.5788, 44.3065, 97.1537



80.3368, 81.1299, 106.0332



62.9676, 74.7288, 102.3729



16.7842, 16.8404, 22.6158



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.



50.5788, 44.3065, 97.1537



45.9013, 37.8750, 99.4991



61.8165, 50.0998, 97.6796



16.6072, 16.8101, 21.7547



9.9425, 4.0682, 48.2348



1.0027, 0.4190, 4.4712

Inverse Universe

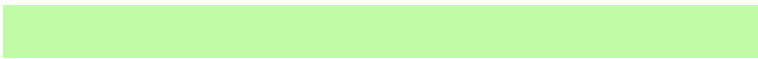
The Inverse Universe completely reimagines the original color for something new.



68.2724, 53.7238, 84.6146



67.0826, 49.1623, 83.8637



63.3525, 83.0751, 48.7743



17.8355, 17.4616, 20.9896



26.4946, 13.0136, 30.3769



2.4903, 1.2199, 3.0055

Previews

White Background



This preview shows how the XYZ color 50.5772, 44.3048, 97.1527 looks on a white background.

Color Contrast Check

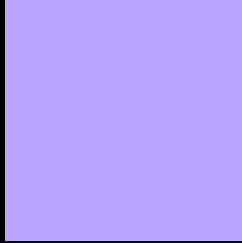
Large Text (above 18pt) WCAG AA × Fail

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 50.5772, 44.3048, 97.1527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

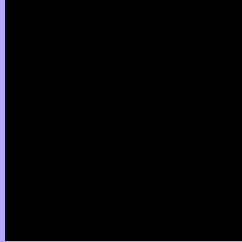
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5772, 44.3048, 97.1527

Background



This preview shows how black text looks on a background with the XYZ color 50.5772, 44.3048, 97.1527.



This preview shows how white text looks on a background with the XYZ color 50.5772, 44.3048,

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

50.5772, 44.3048, 97.1527

Protanopia

46.3289, 44.5553, 100.7660

Deuteranopia

45.7611, 44.6625, 95.8314



Tritanopia

42.2294, 44.3045, 56.1951

Trichromacy



Original Color

50.5772, 44.3048, 97.1527

Protanomaly

47.7462, 44.4473, 99.8286

Deuteranomaly

47.3177, 44.2997, 96.4993

Tritanomaly

44.8255, 44.1902, 69.1178

Monochromacy



Original Color

50.5772, 44.3048, 97.1527

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.9573, 45.4520, 64.7434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5772, 44.3048, 97.1527 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(183, 166, 251)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 251)  
}
```

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(183, 166, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 251) }
```

Border

The CSS property to change the border of an element to XYZ 50.5772, 44.3048, 97.1527 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(183, 166, 251) }
```


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

```
.border{ border-color:rgb(183, 166, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 251);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5772, 44.3048, 97.1527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 251) }
```

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

```
.background{ background-color: rgb(183,  
166, 251) }
```

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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