

Converting Colors

XYZ(53.4606, 46.6505, 99.7973)

Have a look what the booklet for
XYZ(53.4606, 46.6505, 99.7973)
contains.

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Color

**XYZ(53.3126, 46.4788,
99.9274)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA9FE
RGB	190, 169, 254
RGB Percent	75%, 66%, 100%
CMY	0.2549, 0.3372, 0.0039
CMYK	0.25, 0.33, 0.00, 0.00
HSL	255°, 98%, 83%
HSV	255°, 33%, 100%
XYZ	53.3126, 46.4788, 99.9274
YIQ	184.9690, -14.7690, 30.8870

Conversions

Conversions Part 2

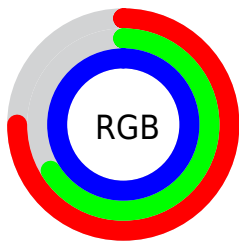
Format	Color
R _Y B	190, 169, 254
Decimal	12495358
CIE Lab	73.86, 25.04, -39.44
CIE LCh	74, 46.717, 302.418
Yxy	46.4788, 0.2669, 0.2327
Android (android.graphics.Color)	4290685438 (0xFFBEA9FE)
YUV	184.9690, 34.0323, 4.4122
Hunter-Lab	68.1754, 20.2787, -39.1810

Details

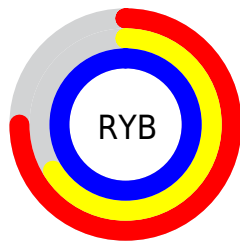
The XYZ color **53.3126, 46.4788, 99.9274** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.2085, 91.0728, 51.1000**, and the grayscale version is **45.9209, 48.3123, 52.6121**.

A 20% lighter version of the original color is **83.4171, 80.4878, 105.7469**, and **26.4310, 21.9047, 55.6583** is the 20% darker color. If you saturate the color by 10%, you get **44.5710, 35.6267, 98.2943**, and if you desaturate by 10%, it is **63.6020, 59.4933, 101.8979**.

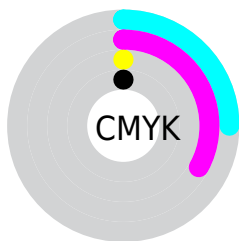
Distribution



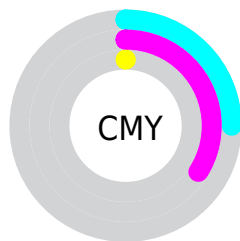
- Red (75%)
- Green (66%)
- Blue (100%)



- Red (75%)
- Yellow (66%)
- Blue (100%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3126, 46.4788, 99.9274 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 53.3126, 46.4788, 99.9274 by changing the saturation by 10% instead.


 53.3126, 46.4788,
99.9274

 53.3126, 46.4788,
99.9274


389.7245,
372.7303, 581.2046

 38.2809, 32.6238,
75.6234

 94.2270, 84.9351,
163.1084

 26.3789, 21.8384,
55.6189


 120.8404,
110.3052, 202.8225

 17.2415, 13.7382,
39.4955


152.0450,
140.2825, 248.5103

 10.5032, 7.9388,
26.8346

188.2063,
175.2514, 300.5904

 5.7987, 4.0558,
17.2177

229.6895,
215.5962, 359.4813

 2.7625, 1.7048,
10.2263

276.8601,

 1.0295, 0.4268,

261.7013, 425.6017

5.4417

330.0833,
313.9512, 499.3699

■ 0.0000, 0.0000,
2.4454

■ 0.0000, 0.0000,
0.8110

■ 53.3126, 46.4788,
99.9274

■ 53.3126, 46.4788,
99.9274

■ 44.5710, 35.6267,
98.2943

■ 63.6020, 59.4933,
101.8979

■ 37.2949, 26.8123,
96.9764

■ 75.5064, 74.7746,
104.2201

■ 31.4011, 19.9065,
95.9541

■ 89.0946, 92.4268,
106.9111

■ 26.7959, 14.7625,
95.2039

94.8896, 99.9358,
108.0551

■ 23.3728, 11.2118,
94.6990

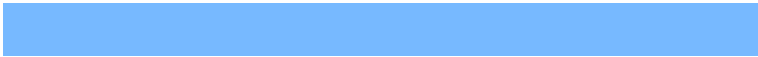
■ 21.0056, 9.0507,
94.4066

■ 19.9238, 8.2045,
94.3003

Harmonies

Analogous

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



44.8546, 46.4788, 111.5135



53.3126, 46.4788, 99.9274



59.9144, 46.4788, 74.9028

Triad

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



53.3126, 46.4788, 99.9274



51.9995, 46.4788, 19.9083



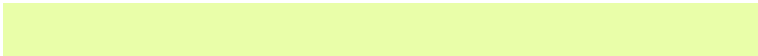
30.0527, 46.4788, 52.5637

Complementary

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



53.3126, 46.4788, 99.9274



76.2085, 91.0728, 51.1000

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.



31.4686, 46.4788, 32.2316



53.3126, 46.4788, 99.9274



43.5057, 46.4788, 17.2633

Square

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



53.3126, 46.4788, 99.9274



59.0919, 46.4788, 29.8181



36.1491, 46.4788, 20.9634



32.0096, 46.4788, 79.3322

Rectangle

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



53.3126, 46.4788, 99.9274



61.9928, 46.4788, 56.8918



36.1491, 46.4788, 20.9634



30.1499, 46.4788, 44.8039

Sweetspot

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



53.3142, 46.4806, 99.9285



80.7336, 81.3344, 106.0517



63.7232, 74.5327, 104.7945



16.8795, 16.8895, 22.6203



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.



53.3142, 46.4806, 99.9285



47.8474, 39.4912, 99.7085



65.1414, 52.5778, 100.4820



17.4234, 17.5945, 22.7277



10.6154, 4.3829, 49.7211



1.1278, 0.4753, 4.8456

Inverse Universe

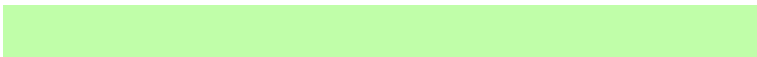
The Inverse Universe completely reimagines the original color for something new.



69.7702, 55.3315, 84.0944



66.8860, 49.7444, 80.7917



64.2585, 84.9123, 50.5408



18.5896, 18.2191, 21.7219



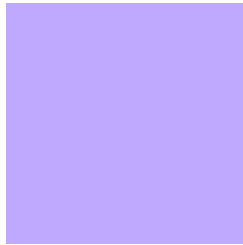
26.5827, 13.1224, 27.5169



2.6316, 1.2950, 2.9075

Previews

White Background



This preview shows how the XYZ color 53.3126, 46.4788, 99.9274 looks on a white background.

Color Contrast Check

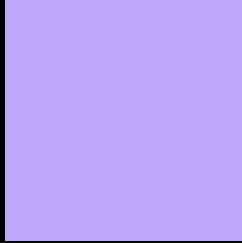
Large Text (above 18pt) WCAG AA × Fail

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 53.3126, 46.4788, 99.9274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

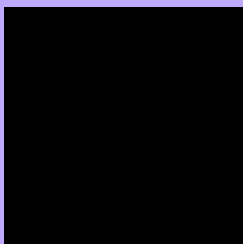
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3126, 46.4788, 99.9274

Background



This preview shows how black text looks on a background with the XYZ color 53.3126, 46.4788, 99.9274.



This preview shows how white text looks on a background with the XYZ color 53.3126, 46.4788,

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

53.3126, 46.4788, 99.9274

Protanopia

48.2707, 46.7293, 101.0833

Deuteranopia

47.7913, 46.5376, 98.5592



Tritanopia

44.9646, 46.5716, 58.2491

Trichromacy



Original Color

53.3126, 46.4788, 99.9274

Protanomaly

49.9575, 46.4260, 100.9358

Deuteranomaly

49.6372, 46.2978, 99.2487

Tritanomaly

47.6452, 46.4694, 71.4241

Monochromacy



Original Color

53.3126, 46.4788, 99.9274

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.2465, 47.4581, 67.5902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3126, 46.4788, 99.9274 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, 169, 254)` looks like.

```
.text, #text, p{  
    color:rgb(190, 169, 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(190, 169, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 169, 254) }
```

Border

The CSS property to change the border of an element to XYZ 53.3126, 46.4788, 99.9274 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, 169, 254) }
```


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

```
.border{ border-color:rgb(190, 169, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 169, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 169, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 169, 254);  
box-shadow:4px 4px 4px 4px rgb(190, 169,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3126, 46.4788, 99.9274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 169, 254) }
```

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

```
.background{ background-color: rgb(190,  
169, 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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