

Converting Colors

XYZ(57.8619, 46.8789,
125.9102)

Have a look what the booklet for
XYZ(57.8619, 46.8789, 125.9102)
contains.

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Color

**XYZ(53.0637, 44.9774,
100.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A4FF
RGB	192, 164, 255
RGB Percent	75%, 64%, 100%
CMY	0.2470, 0.3568, 0.0000
CMYK	0.25, 0.36, 0.00, 0.00
HSL	258°, 100%, 82%
HSV	258°, 36%, 100%
XYZ	53.0637, 44.9774, 100.4925
YIQ	182.7460, -12.5230, 34.2370

Conversions

Conversions Part 2

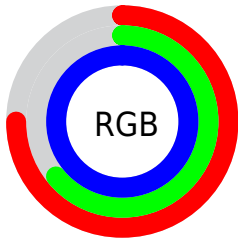
Format	Color
RYB	192, 164, 255
Decimal	12625151
CIELab	72.88, 28.62, -41.49
CIElCh	73, 50.401, 304.597
Yxy	44.9774, 0.2673, 0.2265
Android (android.graphics.Color)	4290815231 (0xFFC0A4FF)
YUV	182.7460, 35.6212, 8.1158
Hunter-Lab	67.0652, 23.8697, -41.8963

Details

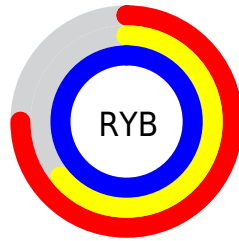
The XYZ color **53.0637, 44.9774, 100.4925** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **74.1399, 90.5315, 48.6904**, and the grayscale version is **44.6881, 47.0153, 51.1997**.

A 20% lighter version of the original color is **82.8059, 78.2070, 105.3389**, and **26.3037, 20.9839, 56.0900** is the 20% darker color. If you saturate the color by 10%, you get **44.7444, 34.5807, 98.9242**, and if you desaturate by 10%, it is **62.8369, 57.4836, 102.3913**.

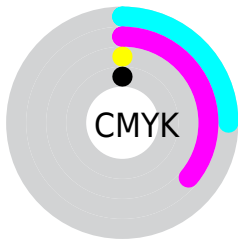
Distribution



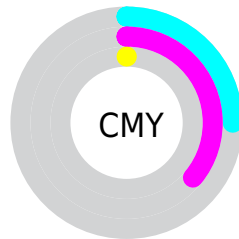
- Red (75%)
- Green (64%)
- Blue (100%)



- Red (75%)
- Yellow (64%)
- Blue (100%)



- Cyan (25%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0637, 44.9774, 100.4925 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 53.0637, 44.9774, 100.4925 by changing the saturation by 10% instead.


 53.0637, 44.9774,
100.4925


 53.0637, 44.9774,
100.4925


388.7863,
366.6820, 583.0307

 38.0813, 31.4396,
76.0927


 93.8631, 82.6865,
163.8916

 26.2233, 20.9338,
56.0014


 120.4108,
107.6266, 203.7280

 17.1243, 13.0756,
39.8001


151.5443,
137.1363, 249.5471

 10.4190, 7.4807,
27.0701

187.6289,
171.5999, 301.7673

 5.7420, 3.7645,
17.3930

229.0301,
211.4019, 360.8072

 2.7280, 1.5427,
10.3502

276.1132,

 1.0116, 0.3185,

256.9267, 427.0854

5.5231

329.2434,
308.5586, 501.0204

■ 0.0000, 0.0000,
2.4933

■ 0.0000, 0.0000,
0.8366

■ 53.0637, 44.9774,
100.4925

■ 53.0637, 44.9774,
100.4925

■ 44.7444, 34.5807,
98.9242

■ 62.8369, 57.4836,
102.3913

■ 37.8009, 26.1686,
97.6665

■ 74.1280, 72.2042,
104.6376

■ 32.1536, 19.6108,
96.6983

■ 87.0023, 89.2432,
107.2479

■ 27.7125, 14.7587,
95.9958

95.0500, 100.0000,
108.9000

■ 24.3744, 11.4397,
95.5311

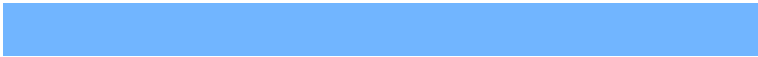
■ 22.0149, 9.4417,
95.2699

■ 21.2300, 8.8593,
95.1988

Harmonies

Analogous

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



44.1163, 44.9774, 114.6582



53.0637, 44.9774, 100.4925



59.8744, 44.9774, 72.7650

Triad

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



53.0637, 44.9774, 100.4925



50.4041, 44.9774, 17.0066



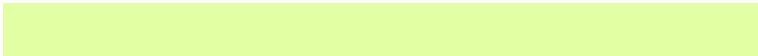
28.0401, 44.9774, 52.9487

Complementary

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



53.0637, 44.9774, 100.4925



74.1399, 90.5315, 48.6904

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.



29.2477, 44.9774, 31.0303



53.0637, 44.9774, 100.4925



41.4116, 44.9774, 14.8712

Square

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



53.0637, 44.9774, 100.4925



58.1975, 44.9774, 26.3401



33.8670, 44.9774, 18.9927



30.3103, 44.9774, 81.8538

Rectangle

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



53.0637, 44.9774, 100.4925



61.8440, 44.9774, 53.6652



33.8670, 44.9774, 18.9927



28.0558, 44.9774, 44.5621

Sweetspot

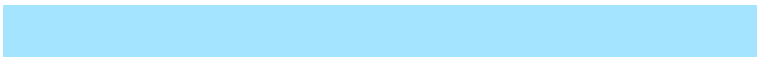
The Sweet Spot groups the original color and five complimentary colors.



53.0651, 44.9791, 100.4927



79.9585, 79.8920, 105.8142



61.0219, 70.4354, 104.9869



16.7455, 16.6126, 22.5739



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.



53.0651, 44.9791, 100.4927



46.8400, 37.1723, 99.3140



66.1847, 51.7425, 101.1067



17.5287, 17.6488, 22.7326



11.2261, 4.6978, 49.7497



1.1990, 0.5120, 4.8489

Inverse Universe

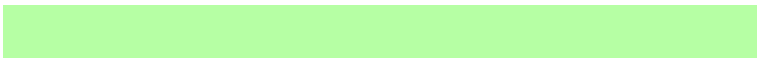
The Inverse Universe completely reimagines the original color for something new.



68.3813, 53.3583, 79.3686



64.5049, 46.8523, 74.2326



61.8006, 84.1703, 48.1130



18.5407, 18.1996, 21.4645



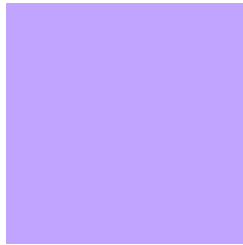
25.7413, 12.7858, 23.0858



2.5553, 1.2645, 2.5055

Previews

White Background



This preview shows how the XYZ color 53.0637, 44.9774, 100.4925 looks on a white background.

Color Contrast Check

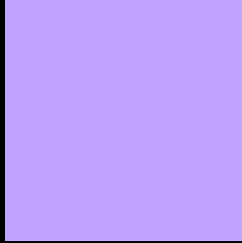
Large Text (above 18pt) WCAG AA × Fail

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 53.0637, 44.9774, 100.4925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

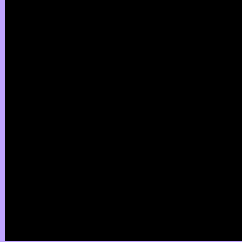
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0637, 44.9774, 100.4925

Background



This preview shows how black text looks on a background with the XYZ color 53.0637, 44.9774, 100.4925.



This preview shows how white text looks on a background with the XYZ color 53.0637, 44.9774,

100.4925.

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

53.0637, 44.9774, 100.4925

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.4297, 45.2449, 98.3815



Tritanopia

43.9485, 44.9092, 55.6422

Trichromacy



Original Color

53.0637, 44.9774, 100.4925

Protanomaly

48.7389, 44.9405, 100.7133

Deuteranomaly

48.4185, 44.8124, 99.0262

Tritanomaly

46.6573, 44.5504, 69.7583

Monochromacy



Original Color

53.0637, 44.9774, 100.4925

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.2837, 46.0932, 66.7264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0637, 44.9774, 100.4925 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(192, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 164, 255)  
}
```

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(192, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 164, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0637, 44.9774, 100.4925 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(192, 164, 255) }
```


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

```
.border{ border-color:rgb(192, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 164,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0637, 44.9774, 100.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 164, 255) }
```

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

```
.background{ background-color: rgb(192,  
164, 255) }
```

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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