

Converting Colors

XYZ(52.7359, 44.4061,
100.3995)

Have a look what the booklet for
XYZ(52.7359, 44.4061, 100.3995)
contains.

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Color

**XYZ(52.7086, 44.2671,
100.3741)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A2FF
RGB	192, 162, 255
RGB Percent	75%, 64%, 100%
CMY	0.2470, 0.3647, 0.0000
CMYK	0.25, 0.36, 0.00, 0.00
HSL	259°, 100%, 82%
HSV	259°, 36%, 100%
XYZ	52.7086, 44.2671, 100.3741
YIQ	181.5720, -11.9730, 35.2830

Conversions

Conversions Part 2

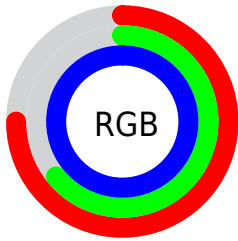
Format	Color
R_{YB}	192, 162, 255
Decimal	12624639
CIE _{Lab}	72.41, 29.72, -42.22
CIE _{LCh}	72, 51.637, 305.145
Yxy	44.2671, 0.2671, 0.2243
Android (android.graphics.Color)	4290814719 (0xFFC0A2FF)
YUV	181.5720, 36.2000, 9.1454
Hunter-Lab	66.5335, 24.9760, -42.8729

Details

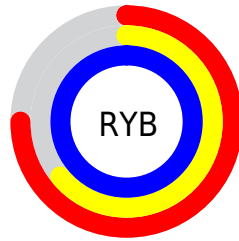
The XYZ color **52.7086, 44.2671, 100.3741** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.3333, 90.1363, 47.7170**, and the grayscale version is **44.0465, 46.3403, 50.4646**.

A 20% lighter version of the original color is **82.2872, 77.1697, 105.1660**, and **26.0855, 20.5474, 56.0173** is the 20% darker color. If you saturate the color by 10%, you get **44.5438, 34.0532, 98.8329**, and if you desaturate by 10%, it is **62.3003, 56.5704, 102.2433**.

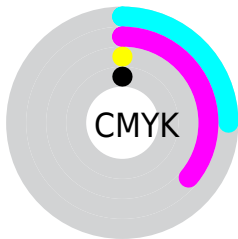
Distribution



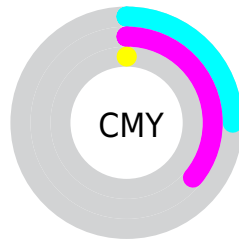
- Red (75%)
- Green (64%)
- Blue (100%)



- 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 52.7086, 44.2671, 100.3741 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 52.7086, 44.2671, 100.3741 by changing the saturation by 10% instead.

52.7086, 44.2671,
100.3741

52.7086, 44.2671,
100.3741

387.4453,
363.7971, 582.6483

37.7967, 30.8805,
75.9944

93.3435, 81.6195,
163.7275

26.0015, 20.5079,
55.9213

119.7972,
106.3542, 203.5383

16.9574, 12.7648,
39.7362

150.8290,
135.6403, 249.3299

10.2993, 7.2668,
27.0207

186.8041,
169.8623, 301.5208

5.6616, 3.6295,
17.3562

228.0879,
209.4046, 360.5296

2.6791, 1.4685,
10.3242

275.0459,

0.9864, 0.2664,

254.6516, 426.7747

5.5060

328.0432,
305.9876, 500.6748

■ 0.0000, 0.0000,
2.4832

■ 0.0000, 0.0000,
0.8312

■ 52.7086, 44.2671,
100.3741

■ 52.7086, 44.2671,
100.3741

■ 44.5438, 34.0532,
98.8329

■ 62.3003, 56.5704,
102.2433

■ 37.7285, 25.8036,
97.5998

■ 73.3823, 71.0683,
104.4576

■ 32.1841, 19.3878,
96.6537

■ 86.0189, 87.8645,
107.0336

■ 27.8212, 14.6562,
95.9703

95.0500, 100.0000,
108.9000

■ 24.5370, 11.4348,
95.5216

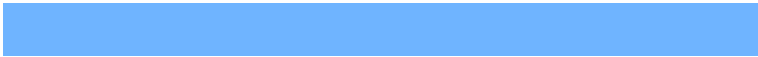
■ 22.2064, 9.5078,
95.2725

■ 21.5524, 9.0256,
95.2139

Harmonies

Analogous

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



43.6272, 44.2671, 115.2993



52.7086, 44.2671, 100.3741



59.5809, 44.2671, 71.8595

Triad

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



52.7086, 44.2671, 100.3741



49.6810, 44.2671, 16.0143



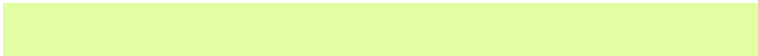
27.2350, 44.2671, 52.7273

Complementary

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



52.7086, 44.2671, 100.3741



73.3333, 90.1363, 47.7170

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.



28.3847, 44.2671, 30.4026



52.7086, 44.2671, 100.3741



40.5592, 44.2671, 14.0214

Square

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



52.7086, 44.2671, 100.3741



57.6674, 44.2671, 25.1426



32.9766, 44.2671, 18.2155



29.5810, 44.2671, 82.2541

Rectangle

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



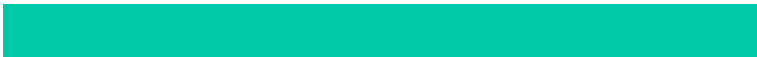
52.7086, 44.2671, 100.3741



61.5220, 44.2671, 52.4649



32.9766, 44.2671, 18.2155



27.2293, 44.2671, 44.1715

Sweetspot

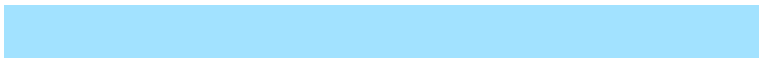
The Sweet Spot groups the original color and five complimentary colors.



52.7100, 44.2688, 100.3744



80.0970, 79.9635, 105.8207



60.0254, 69.0506, 104.7722



16.7784, 16.6296, 22.5755



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.



52.7100, 44.2688, 100.3744



46.4317, 36.3880, 99.1841



66.2143, 51.2305, 101.0063



17.5547, 17.6622, 22.7339



11.3991, 4.7869, 49.7578



1.2184, 0.5220, 4.8498

Inverse Universe

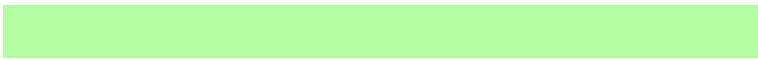
The Inverse Universe completely reimagines the original color for something new.



67.7516, 52.5381, 77.8042



63.7930, 45.9491, 72.3903



60.8845, 83.7188, 47.1344



18.5287, 18.1948, 21.4015



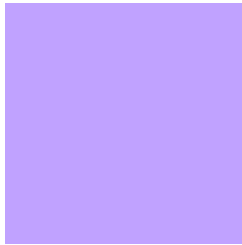
25.5482, 12.7086, 22.0691



2.5376, 1.2574, 2.4123

Previews

White Background



This preview shows how the XYZ color 52.7086, 44.2671, 100.3741 looks on a white background.

Color Contrast Check

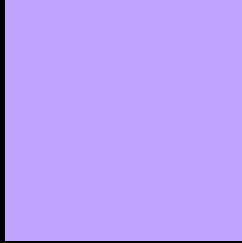
Large Text (above 18pt) WCAG AA × Fail

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 52.7086, 44.2671, 100.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

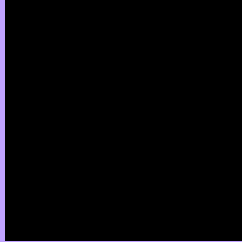
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7086, 44.2671, 100.3741

Background



This preview shows how black text looks on a background with the XYZ color 52.7086, 44.2671, 100.3741.



This preview shows how white text looks on a background with the XYZ color 52.7086, 44.2671,

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

52.7086, 44.2671, 100.3741

Protanopia

46.1425, 44.4593, 100.7573

Deuteranopia

45.6737, 44.5630, 98.2897



Tritanopia

43.5330, 44.4281, 54.4252

Trichromacy



Original Color

52.7086, 44.2671, 100.3741

Protanomaly

48.1506, 44.0764, 100.5775

Deuteranomaly

47.8096, 44.2170, 98.9434

Tritanomaly

46.3403, 44.1203, 69.0245

Monochromacy



Original Color

52.7086, 44.2671, 100.3741

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.0883, 45.7025, 66.6612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7086, 44.2671, 100.3741 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, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 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, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.7086, 44.2671, 100.3741 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, 162, 255) }
```


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

```
.border{ border-color:rgb(192, 162, 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, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 162,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7086, 44.2671, 100.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 255) }
```

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

```
.background{ background-color: rgb(192,  
162, 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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