

Converting Colors

XYZ(53.8197, 45.1037, 93.3315)

Have a look what the booklet for
XYZ(53.8197, 45.1037, 93.3315)
contains.

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Color

**XYZ(53.6423, 44.9120,
93.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A2F6
RGB	201, 162, 246
RGB Percent	79%, 64%, 96%
CMY	0.2118, 0.3647, 0.0353
CMYK	0.18, 0.34, 0.00, 0.04
HSL	268°, 82%, 80%
HSV	268°, 34%, 96%
XYZ	53.6423, 44.9120, 93.0304
YIQ	183.2370, -3.7200, 34.3920

Conversions

Conversions Part 2

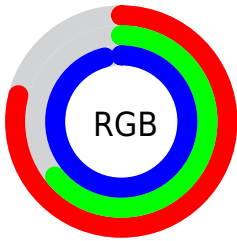
Format	Color
R _Y B	201, 162, 246
Decimal	13214454
CIE Lab	72.83, 30.29, -36.62
CIE LCh	73, 47.526, 309.601
Yxy	44.9120, 0.2800, 0.2344
Android (android.graphics.Color)	4291404534 (0xFFC9A2F6)
YUV	183.2370, 30.9422, 15.5782
Hunter-Lab	67.0164, 25.5990, -35.3933

Details

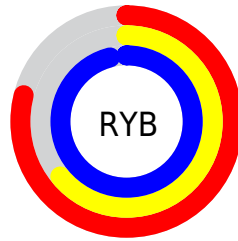
The XYZ color **53.6423, 44.9120, 93.0304** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.2108, 81.7866, 46.5337**, and the grayscale version is **44.9781, 47.3204, 51.5320**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **26.6153, 20.9370, 50.7826** is the 20% darker color. If you saturate the color by 10%, you get **46.3336, 35.3293, 91.5667**, and if you desaturate by 10%, it is **62.1056, 56.3502, 94.7929**.

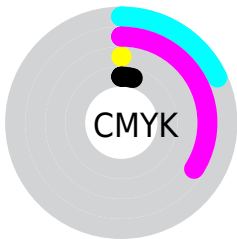
Distribution



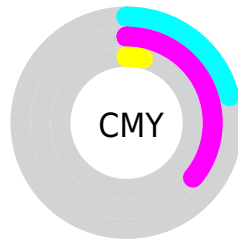
- Red (79%)
- Green (64%)
- Blue (96%)



- Red (79%)
- Yellow (64%)
- Blue (96%)



- Cyan (18%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6423, 44.9120, 93.0304 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 53.6423, 44.9120, 93.0304 by changing the saturation by 10% instead.

53.6423, 44.9120,
93.0304

53.6423, 44.9120,
93.0304

390.9652,
366.4170, 558.6626

38.5453, 31.3881,
69.9090

94.7088, 82.5883,
153.5128

26.5853, 20.8946,
50.9760

121.4090,
107.5096, 191.7108

17.3970, 13.0470,
35.8129

152.7077,
136.9988, 235.7714

10.6150, 7.4609,
24.0012

188.9702,
171.4402, 286.1132

5.8740, 3.7520,
15.1223

230.5618,
211.2184, 343.1546

2.8085, 1.5358,
8.7577

277.8479,

1.0533, 0.3137,

256.7177, 407.3143

4.4888

331.1939,
308.3224, 479.0108

■ 0.0000, 0.0000,
1.8972

■ 0.0000, 0.0000,
0.4909

■ 53.6423, 44.9120,
93.0304

■ 53.6423, 44.9120,
93.0304

■ 46.3336, 35.3293,
91.5667

■ 62.1056, 56.3502,
94.7929

■ 40.1177, 27.4934,
90.3818

■ 71.7719, 69.7334,
96.8666

■ 34.9334, 21.2925,
89.4582

■ 82.6921, 85.1518,
99.2671

■ 30.7108, 16.5989,
88.7748

■ 93.1643, 99.1914,
101.4251

■ 27.3696, 13.2651,
88.3074

■ 93.6347, 99.4339,
101.4471

■ 24.8135, 11.1115,
88.0264

■ 23.6021, 10.2457,
87.9232

Harmonies

Analogous

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



45.3938, 44.9120, 108.9187



53.6423, 44.9120, 93.0304



59.3860, 44.9120, 66.5464

Triad

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



53.6423, 44.9120, 93.0304



48.4709, 44.9120, 17.4406



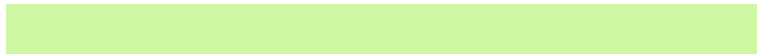
28.8549, 44.9120, 56.8936

Complementary

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



53.6423, 44.9120, 93.0304



65.2108, 81.7866, 46.5337

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.



29.4553, 44.9120, 34.6888



53.6423, 44.9120, 93.0304



40.0910, 44.9120, 16.3491

Square

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



53.6423, 44.9120, 93.0304



56.1432, 44.9120, 25.2452



33.3360, 44.9120, 21.5443



31.5743, 44.9120, 84.0368

Rectangle

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



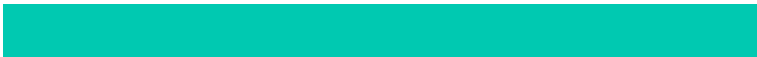
53.6423, 44.9120, 93.0304



60.6364, 44.9120, 49.2192



33.3360, 44.9120, 21.5443



28.6841, 44.9120, 48.5852

Sweetspot

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



53.6438, 44.9138, 93.0314



82.5994, 82.2963, 106.1391



54.1410, 59.5462, 95.8295



17.3292, 17.1214, 22.6414



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.



53.6438, 44.9138, 93.0314



52.5791, 41.3175, 99.8116



66.1054, 51.3380, 93.6146



16.3125, 16.3037, 20.8297



12.7561, 5.5503, 46.9370



1.2385, 0.5483, 4.1308

Inverse Universe

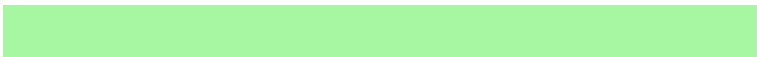
The Inverse Universe completely reimagines the original color for something new.



62.1902, 49.9402, 65.3946



63.4147, 47.6952, 64.5490



55.2467, 76.6499, 46.0674



16.8703, 16.6310, 19.0635



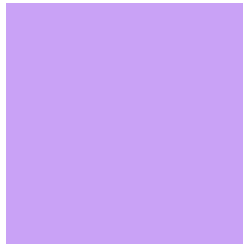
22.5730, 11.3726, 12.9919



2.0358, 1.0203, 1.4151

Previews

White Background



This preview shows how the XYZ color 53.6423, 44.9120, 93.0304 looks on a white background.

Color Contrast Check

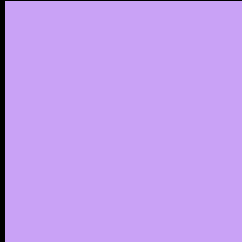
Large Text (above 18pt) WCAG AA × Fail

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 53.6423, 44.9120, 93.0304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

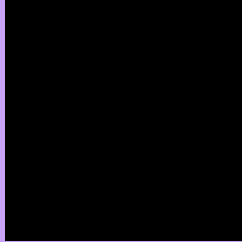
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6423, 44.9120, 93.0304

Background



This preview shows how black text looks on a background with the XYZ color 53.6423, 44.9120, 93.0304.



This preview shows how white text looks on a background with the XYZ color 53.6423, 44.9120,

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

53.6423, 44.9120, 93.0304

Protanopia

46.9018, 45.1407, 100.8488

Deuteranopia

46.2002, 44.9953, 91.0440



Tritanopia

45.5915, 44.9363, 53.2844

Trichromacy



Original Color

53.6423, 44.9120, 93.0304

Protanomaly

48.9282, 44.8120, 98.1663

Deuteranomaly

48.5712, 44.7714, 91.6697

Tritanomaly

48.2656, 44.9056, 65.7983

Monochromacy



Original Color

53.6423, 44.9120, 93.0304

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.7058, 46.0633, 64.7693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6423, 44.9120, 93.0304 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(201, 162, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 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(201, 162, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 246) }
```

Border

The CSS property to change the border of an element to XYZ 53.6423, 44.9120, 93.0304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

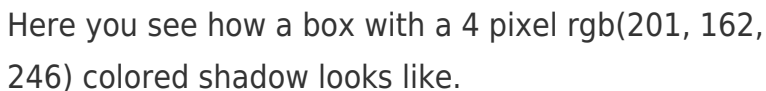
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 162, 246) }
```


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

```
.border{ border-color:rgb(201, 162, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 162, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 162, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 162, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 162,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6423, 44.9120, 93.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 246) }
```

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

```
.background{ background-color: rgb(201,  
162, 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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