

Converting Colors

XYZ(53.9367, 43.5831, 97.1742)

Have a look what the booklet for
XYZ(53.9367, 43.5831, 97.1742)
contains.

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Color

**XYZ(53.8267, 43.6355,
96.8523)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9DFB
RGB	202, 157, 251
RGB Percent	79%, 62%, 98%
CMY	0.2078, 0.3843, 0.0157
CMYK	0.20, 0.37, 0.00, 0.02
HSL	269°, 92%, 80%
HSV	269°, 37%, 98%
XYZ	53.8267, 43.6355, 96.8523
YIQ	181.1710, -3.3540, 38.7740

Conversions

Conversions Part 2

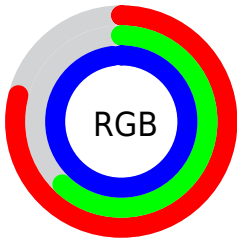
Format	Color
RYB	202, 157, 251
Decimal	13278715
CIELab	71.98, 34.43, -40.65
CIELCh	72, 53.270, 310.266
Yxy	43.6355, 0.2770, 0.2246
Android (android.graphics.Color)	4291468795 (0xFFCA9DFB)
YUV	181.1710, 34.4257, 18.2670
Hunter-Lab	66.0572, 29.8507, -40.6903

Details

The XYZ color **53.8267, 43.6355, 96.8523** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.0377, 84.5514, 44.7395**, and the grayscale version is **43.8357, 46.1186, 50.2231**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **26.6432, 20.1092, 53.5161** is the 20% darker color. If you saturate the color by 10%, you get **46.6171, 34.2500, 95.4214**, and if you desaturate by 10%, it is **62.2118, 54.9238, 98.5899**.

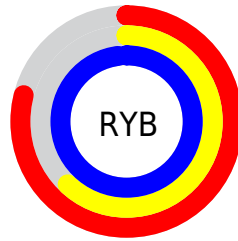
Distribution



Red (79%)

Green (62%)

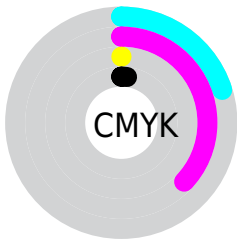
Blue (98%)



Red (79%)

Yellow (62%)

Blue (98%)

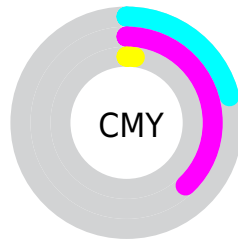


Cyan (20%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (21%)


Magenta (38%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8267, 43.6355, 96.8523 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 53.8267, 43.6355, 96.8523 by changing the saturation by 10% instead.


 53.8267, 43.6355,
96.8523


 53.8267, 43.6355,
96.8523


391.6580,
361.2188, 571.2132

 38.6932, 30.3841,
73.0722

 94.9781, 80.6690,
158.8387

 26.7008, 20.1303,
53.5428


 121.7268,
105.2198, 197.8821

 17.4841, 12.4898,
37.8456


153.0780,
134.3059, 242.8503

 10.6777, 7.0782,
25.5620

189.3969,
168.3116, 294.1619

 5.9162, 3.5110,
16.2734

231.0490,
207.6213, 352.2355

 2.8344, 1.4040,
9.5614

278.3997,

 1.0668, 0.2197,

252.6195, 417.4895

5.0074

331.8142,
303.6905, 490.3426

■ 0.0000, 0.0000,
2.1928

■ 0.0000, 0.0000,
0.6702

■ 53.8267, 43.6355,
96.8523

■ 53.8267, 43.6355,
96.8523

■ 46.6171, 34.2500,
95.4214

■ 62.2118, 54.9238,
98.5899

■ 40.5172, 26.6504,
94.2761

■ 71.8241, 68.2116,
100.6481

■ 35.4610, 20.7153,
93.3970

■ 82.7177, 83.5953,
103.0433

■ 31.3728, 16.3048,
92.7611

■ 94.1698, 99.6199,
105.5328

■ 28.1643, 13.2548,
92.3415

94.4127, 99.7451,
105.5442

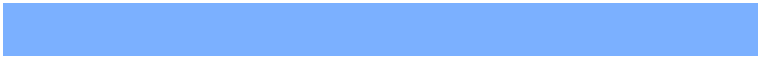
■ 25.7222, 11.3519,
92.1029

■ 25.1808, 10.9697,
92.0577

Harmonies

Analogous

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



44.6675, 43.6355, 115.7411



53.8267, 43.6355, 96.8523



60.1955, 43.6355, 66.4953

Triad

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



53.8267, 43.6355, 96.8523



47.6597, 43.6355, 14.2555



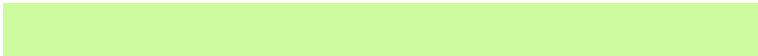
26.5445, 43.6355, 57.0017

Complementary

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



53.8267, 43.6355, 96.8523



66.0377, 84.5514, 44.7395

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.



27.1029, 43.6355, 32.5358



53.8267, 43.6355, 96.8523



38.4369, 43.6355, 13.3185

Square

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



53.8267, 43.6355, 96.8523



56.2904, 43.6355, 21.9480



31.1728, 43.6355, 18.6387



29.5167, 43.6355, 87.7603

Rectangle

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



53.8267, 43.6355, 96.8523



61.5207, 43.6355, 47.2798



31.1728, 43.6355, 18.6387



26.3374, 43.6355, 47.7443

Sweetspot

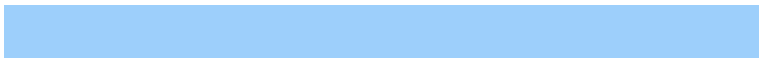
The Sweet Spot groups the original color and five complimentary colors.



53.8282, 43.6373, 96.8533



81.5692, 80.7224, 105.8896



53.6638, 58.8249, 99.7935



17.1282, 16.8099, 22.5918



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.



53.8282, 43.6373, 96.8533



50.0179, 37.6760, 99.2437



68.1348, 51.0126, 97.5228



17.0736, 17.0506, 21.7765



13.4020, 5.8517, 48.3967



1.3629, 0.6047, 4.4881

Inverse Universe

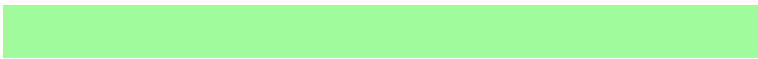
The Inverse Universe completely reimagines the original color for something new.



62.9824, 49.0809, 64.5477



61.0877, 44.2625, 60.0078



55.1082, 78.9171, 44.2280



17.6225, 17.3764, 19.8679



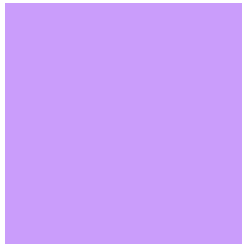
23.1338, 11.6692, 12.6787



2.1962, 1.1022, 1.4565

Previews

White Background



This preview shows how the XYZ color 53.8267, 43.6355, 96.8523 looks on a white background.

Color Contrast Check

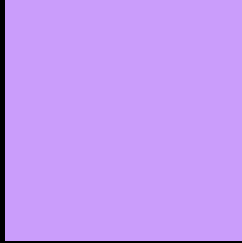
Large Text (above 18pt) WCAG AA × Fail

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 53.8267, 43.6355, 96.8523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

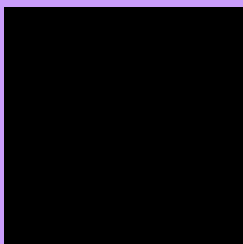
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8267, 43.6355, 96.8523

Background



This preview shows how black text looks on a background with the XYZ color 53.8267, 43.6355, 96.8523.



This preview shows how white text looks on a background with the XYZ color 53.8267, 43.6355,

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

53.8267, 43.6355, 96.8523

Protanopia

45.7637, 43.9761, 100.6840

Deuteranopia

45.0674, 44.0507, 94.1230



Tritanopia

44.7005, 43.6629, 51.4192

Trichromacy



Original Color

53.8267, 43.6355, 96.8523



Protanomaly

48.2542, 43.5960, 99.6375



Deuteranomaly

47.5235, 43.3286, 94.6654



Tritanomaly

47.5271, 43.4286, 65.5521

Monochromacy



Original Color

53.8267, 43.6355, 96.8523



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

46.8794, 44.7801, 64.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8267, 43.6355, 96.8523 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(202, 157, 251)` looks like.

```
.text, #text, p{  
    color:rgb(202, 157, 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(202, 157, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 157, 251) }
```

Border

The CSS property to change the border of an element to XYZ 53.8267, 43.6355, 96.8523 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(202, 157, 251) }
```


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

```
.border{ border-color:rgb(202, 157, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 157, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 157, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 157, 251);  
box-shadow:4px 4px 4px 4px rgb(202, 157,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8267, 43.6355, 96.8523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 157, 251) }
```

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

```
.background{ background-color: rgb(202,  
157, 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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