

Converting Colors

XYZ(58.5263, 43.9794,
125.7258)

Have a look what the booklet for
XYZ(58.5263, 43.9794, 125.7258)
contains.

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Color

**XYZ(53.4737, 41.9098,
99.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	CA97FF
RGB	202, 151, 255
RGB Percent	79%, 59%, 100%
CMY	0.2078, 0.4078, 0.0000
CMYK	0.21, 0.41, 0.00, 0.00
HSL	269°, 100%, 80%
HSV	269°, 41%, 100%
XYZ	53.4737, 41.9098, 99.8788
YIQ	178.1050, -2.9880, 43.1560

Conversions

Conversions Part 2

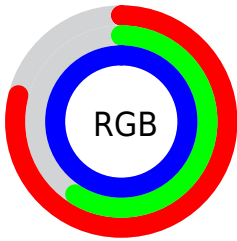
Format	Color
R_{YB}	202, 151, 255
Decimal	13277183
CIE _{Lab}	70.81, 38.59, -44.66
CIE _{LCh}	71, 59.021, 310.832
Yxy	41.9098, 0.2739, 0.2146
Android (android.graphics.Color)	4291467263 (0xFFCA97FF)
YUV	178.1050, 37.9092, 20.9559
Hunter-Lab	64.7378, 34.1507, -46.1574

Details

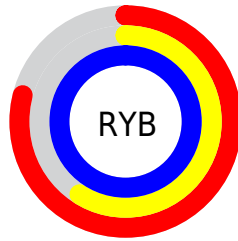
The XYZ color **53.4737, 41.9098, 99.8788** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.2485, 86.5921, 42.5021**, and the grayscale version is **42.1807, 44.3773, 48.3269**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **26.5089, 19.1119, 55.7179** is the 20% darker color. If you saturate the color by 10%, you get **46.4357, 32.8349, 98.4981**, and if you desaturate by 10%, it is **61.6980, 52.9154, 101.5696**.

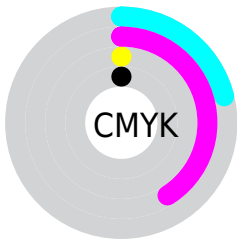
Distribution



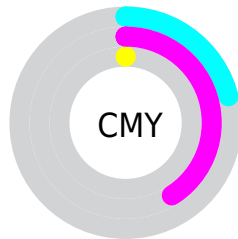
- Red (79%)
- Green (59%)
- Blue (100%)



- Red (79%)
- Yellow (59%)
- Blue (100%)



- Cyan (21%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4737, 41.9098, 99.8788 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 53.4737, 41.9098, 99.8788 by changing the saturation by 10% instead.


 53.4737, 41.9098,
99.8788


 53.4737, 41.9098,
99.8788


390.3311,
354.1089, 581.0474

 38.4100, 29.0307,
75.5830

 94.4625, 78.0631,
163.0410

 26.4798, 19.1040,
55.5860

 121.1183,
102.1060, 202.7446

 17.3174, 11.7455,
39.4694


152.3689,
130.6391, 248.4211

 10.5578, 6.5706,
26.8144


188.5797,
164.0465, 300.4891

 5.8354, 3.1950,
17.2027

230.1159,
202.7129, 359.3672

 2.7850, 1.2344,
10.2156

277.3430,

 1.0411, 0.0895,

247.0224, 425.4739

5.4347

330.6262,
297.3596, 499.2278

■ 0.0000, 0.0000,
2.4413

■ 0.0000, 0.0000,
0.8088

■ 53.4737, 41.9098,
99.8788

■ 53.4737, 41.9098,
99.8788

■ 46.4357, 32.8349,
98.4981

■ 61.6980, 52.9154,
101.5696

■ 40.5149, 25.5667,
97.4072

■ 71.1641, 65.9557,
103.5877

■ 35.6404, 19.9735,
96.5846

■ 81.9286, 81.1329,
105.9499

■ 31.7303, 15.9031,
96.0050

■ 94.0433, 98.5407,
108.6714

■ 28.6875, 13.1737,
95.6385

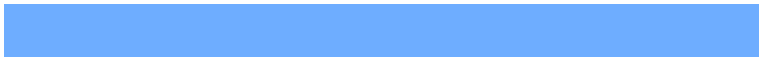
95.0500, 100.0000,
108.9000

■ 26.5146, 11.5837,
95.4461

Harmonies

Analogous

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



43.4825, 41.9098, 121.8436



53.4737, 41.9098, 99.8788



60.4234, 41.9098, 65.7522

Triad

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



53.4737, 41.9098, 99.8788



46.3493, 41.9098, 11.2761



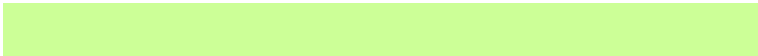
24.0401, 41.9098, 56.5483

Complementary

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



53.4737, 41.9098, 99.8788



66.2485, 86.5921, 42.5021

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.



24.5502, 41.9098, 30.1033



53.4737, 41.9098, 99.8788



36.3955, 41.9098, 10.4950

Square

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



53.4737, 41.9098, 99.8788



55.8664, 41.9098, 18.6540



28.7366, 41.9098, 15.7614



27.2061, 41.9098, 90.8134

Rectangle

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



53.4737, 41.9098, 99.8788



61.8109, 41.9098, 44.8533



28.7366, 41.9098, 15.7614



23.8025, 41.9098, 46.4209

Sweetspot

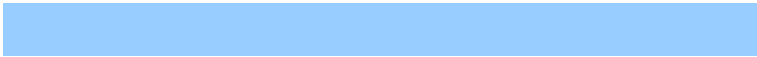
The Sweet Spot groups the original color and five complimentary colors.



53.4751, 41.9114, 99.8790



80.5471, 79.1680, 105.6434



52.5813, 57.3358, 102.9033



16.9278, 16.5017, 22.5429



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.



53.4751, 41.9114, 99.8790



47.6068, 34.3170, 98.7224



69.7225, 50.2873, 100.6394



17.8512, 17.8150, 22.7477



14.0258, 6.1410, 49.8807



1.4913, 0.6627, 4.8626

Inverse Universe

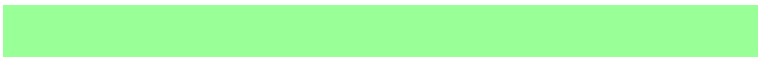
The Inverse Universe completely reimagines the original color for something new.



63.2065, 47.7542, 63.0138



58.9361, 41.1213, 55.7086



54.4336, 80.5013, 41.9492



18.3957, 18.1416, 20.7010



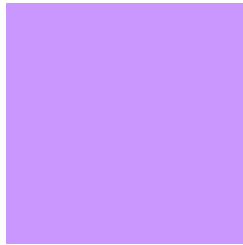
23.7281, 11.9805, 12.4847



2.3655, 1.1886, 1.5063

Previews

White Background



This preview shows how the XYZ color 53.4737, 41.9098, 99.8788 looks on a white background.

Color Contrast Check

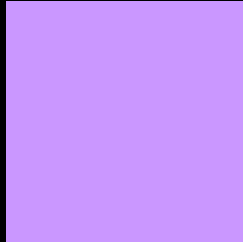
Large Text (above 18pt) WCAG AA × Fail

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 53.4737, 41.9098, 99.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

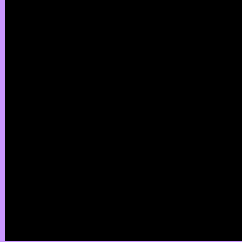
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4737, 41.9098, 99.8788

Background



This preview shows how black text looks on a background with the XYZ color 53.4737, 41.9098, 99.8788.



This preview shows how white text looks on a background with the XYZ color 53.4737, 41.9098,

99.8788.

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

53.4737, 41.9098, 99.8788

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.3204, 42.2209, 97.1330



Tritanopia

43.0432, 41.7515, 48.9702

Trichromacy



Original Color

53.4737, 41.9098, 99.8788

Protanomaly

47.0513, 41.8779, 100.2111

Deuteranomaly

46.1560, 41.4717, 97.6676

Tritanomaly

46.2555, 41.4641, 64.5969

Monochromacy



Original Color

53.4737, 41.9098, 99.8788

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.6367, 43.0263, 64.2921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4737, 41.9098, 99.8788 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, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 151, 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(202, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.4737, 41.9098, 99.8788 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, 151, 255) }
```


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

```
.border{ border-color:rgb(202, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4737, 41.9098, 99.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 151, 255) }
```

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

```
.background{ background-color: rgb(202,  
151, 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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