

Converting Colors

XYZ(53.8804, 37.7538, 99.0551)

Have a look what the booklet for
XYZ(53.8804, 37.7538, 99.0551)
contains.

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Color

**XYZ(53.8979, 37.7487,
99.0532)**

Conversions

Conversions Part 1

Format	Color
Hex	D683FF
RGB	214, 131, 255
RGB Percent	84%, 51%, 100%
CMY	0.1608, 0.4863, 0.0000
CMYK	0.16, 0.49, 0.00, 0.00
HSL	280°, 100%, 76%
HSV	280°, 49%, 100%
XYZ	53.8979, 37.7487, 99.0532
YIQ	169.9530, 9.6640, 56.1600

Conversions

Conversions Part 2

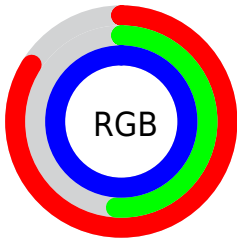
Format	Color
R _Y B	214, 131, 255
Decimal	14058495
CIE Lab	67.83, 52.50, -49.25
CIE LCh	68, 71.981, 316.829
Yxy	37.7487, 0.2826, 0.1979
Android (android.graphics.Color)	4292248575 (0xFFD683FF)
YUV	169.9530, 41.9282, 38.6292
Hunter-Lab	61.4400, 49.0683, -52.5790

Details

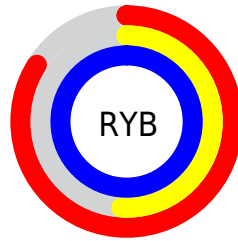
The XYZ color **53.8979, 37.7487, 99.0532** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **56.8705, 81.9296, 34.2907**, and the grayscale version is **37.9807, 39.9587, 43.5150**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **26.8221, 16.6941, 55.2347** is the 20% darker color. If you saturate the color by 10%, you get **48.4879, 30.4867, 97.9367**, and if you desaturate by 10%, it is **60.2805, 46.7646, 100.4571**.

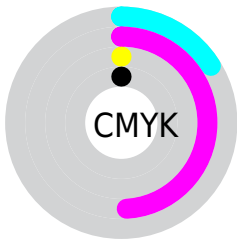
Distribution



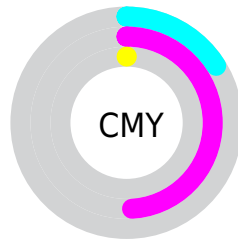
- Red (84%)
- Green (51%)
- Blue (100%)



- Red (84%)
- Yellow (51%)
- Blue (100%)



- Cyan (16%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)




- Cyan (16%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8979, 37.7487, 99.0532 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 53.8979, 37.7487, 99.0532 by changing the saturation by 10% instead.


 53.8979, 37.7487,
99.0532


 53.8979, 37.7487,
99.0532


391.9253,
336.5407, 578.3736


 38.7504, 25.7877,
74.8976


 95.0821, 71.7228,
161.8960

 26.7454, 16.6649,
55.0278


 121.8495, 94.5047,
201.4202

 17.5177, 9.9959,
39.0252

 153.2209,
121.6623, 246.9044

 10.7019, 5.3962,
26.4714

189.5616,
153.5801, 298.7671

 5.9326, 2.4816,
16.9477

231.2371,
190.6425, 357.4268

 2.8444, 0.8674,
10.0356

278.6126,

 1.0720, 0.0000,

233.2338, 423.3021

5.3167

332.0535,
281.7384, 496.8115

■ 0.0015, 0.0000,
2.3723

■ 0.0000, 0.0000,
0.7713

■ 53.8979, 37.7487,
99.0532

■ 53.8979, 37.7487,
99.0532

■ 48.4879, 30.4867,
97.9367

■ 60.2805, 46.7646,
100.4571

■ 43.9817, 24.8472,
97.0856

■ 67.6902, 57.6440,
102.1665

■ 40.3070, 20.6872,
96.4764

■ 76.1818, 70.4925,
104.1989

■ 37.3767, 17.8357,
96.0804

■ 85.8048, 85.4067,
106.5705

■ 35.0678, 16.0494,
95.8573

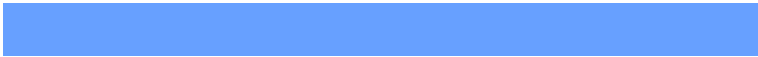
95.0500, 100.0000,
108.9000

■ 34.7768, 15.8430,
95.8328

Harmonies

Analogous

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



42.4514, 37.7487, 132.3441



53.8979, 37.7487, 99.0532



61.0668, 37.7487, 56.7410

Triad

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



53.8979, 37.7487, 99.0532



40.9895, 37.7487, 5.6178



19.0207, 37.7487, 61.5662

Complementary

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



53.8979, 37.7487, 99.0532



56.8705, 81.9296, 34.2907

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.



18.7896, 37.7487, 28.6381



53.8979, 37.7487, 99.0532



30.0226, 37.7487, 5.8913

Square

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



53.8979, 37.7487, 99.0532



52.6383, 37.7487, 10.6142



22.4035, 37.7487, 11.7784



23.1181, 37.7487, 104.1198

Rectangle

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



53.8979, 37.7487, 99.0532



61.6558, 37.7487, 34.2241



22.4035, 37.7487, 11.7784



18.5232, 37.7487, 48.8445

Sweetspot

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



53.8992, 37.7502, 99.0535



79.5378, 75.6567, 105.0189



42.2272, 41.6787, 100.4269



16.6028, 15.5439, 22.3752



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.



53.8992, 37.7502, 99.0535



48.7993, 30.8923, 97.9985



64.2561, 43.4534, 83.0944



18.1748, 17.9819, 22.7629



18.3361, 8.3631, 50.0824



1.9009, 0.8739, 4.8818

Inverse Universe

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



56.8033, 40.4722, 43.8483



52.5089, 34.1966, 35.2858



50.7612, 78.6018, 42.0605



18.2570, 18.0861, 19.9706



22.4525, 11.4703, 5.7675



2.2342, 1.1361, 0.8148

Previews

White Background



This preview shows how the XYZ color 53.8979, 37.7487, 99.0532 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 53.8979, 37.7487, 99.0532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

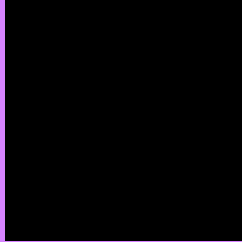
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8979, 37.7487, 99.0532

Background



This preview shows how black text looks on a background with the XYZ color 53.8979, 37.7487, 99.0532.



This preview shows how white text looks on a background with the XYZ color 53.8979, 37.7487,

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

53.8979, 37.7487, 99.0532

Protanopia

40.5073, 38.2397, 99.8538

Deuteranopia

39.1508, 38.1996, 94.1167



Tritanopia

41.9115, 37.7422, 40.1979

Trichromacy



Original Color

53.8979, 37.7487, 99.0532



Protanomaly

43.8146, 36.9303, 99.4267



Deuteranomaly

43.1019, 37.1184, 96.1596

Tritanomaly

45.3803, 37.2612, 57.6236

Monochromacy



Original Color

53.8979, 37.7487, 99.0532



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.6808, 38.4331, 60.4271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8979, 37.7487, 99.0532 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(214, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 131, 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(214, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 131, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8979, 37.7487, 99.0532 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(214, 131, 255) }
```


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

```
.border{ border-color:rgb(214, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 131,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8979, 37.7487, 99.0532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 131, 255) }
```

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

```
.background{ background-color: rgb(214,  
131, 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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