

Converting Colors

XYZ(53.9163, 42.2976, 97.7923)

Have a look what the booklet for
XYZ(53.9163, 42.2976, 97.7923)
contains.

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Color

**XYZ(53.8141, 42.1406,
97.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	CD97FC
RGB	205, 151, 252
RGB Percent	80%, 59%, 99%
CMY	0.1961, 0.4078, 0.0118
CMYK	0.19, 0.40, 0.00, 0.01
HSL	272°, 94%, 79%
HSV	272°, 40%, 99%
XYZ	53.8141, 42.1406, 97.3931
YIQ	178.6600, -0.2370, 42.8590

Conversions

Conversions Part 2

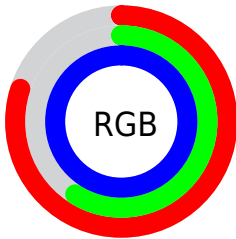
Format	Color
R _Y B	205, 151, 252
Decimal	13473788
CIE Lab	70.97, 38.78, -42.76
CIE LCh	71, 57.724, 312.207
Yxy	42.1406, 0.2783, 0.2180
Android (android.graphics.Color)	4291663868 (0xFFCD97FC)
YUV	178.6600, 36.1566, 23.1002
Hunter-Lab	64.9158, 34.3709, -43.5117

Details

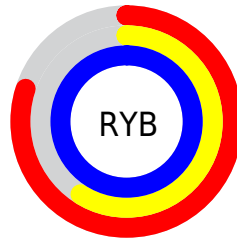
The XYZ color **53.8141, 42.1406, 97.3931** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.6862, 83.8619, 42.1102**, and the grayscale version is **42.4822, 44.6946, 48.6724**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **26.7066, 19.2534, 53.9384** is the 20% darker color. If you saturate the color by 10%, you get **47.0693, 33.2737, 96.0378**, and if you desaturate by 10%, it is **61.6710, 52.8693, 99.0505**.

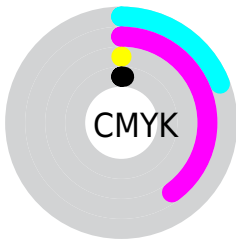
Distribution



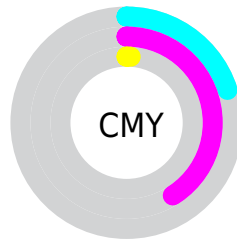
- Red (80%)
- Green (59%)
- Blue (99%)



- Red (80%)
- Yellow (59%)
- Blue (99%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (20%)
- Magenta (41%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8141, 42.1406, 97.3931 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 53.8141, 42.1406, 97.3931 by changing the saturation by 10% instead.


 53.8141, 42.1406,
97.3931


 53.8141, 42.1406,
97.3931

391.6106,
355.0654, 572.9771

 38.6831, 29.2114,
73.5205

 94.9597, 78.4124,
159.5906

 26.6929, 19.2408,
53.9073


 121.7051,
102.5237, 198.7525

 17.4781, 11.8444,
38.1349


153.0527,
131.1313, 243.8480

 10.6734, 6.6378,
25.7847

189.3678,
164.6194, 295.2955

 5.9133, 3.2366,
16.4383

231.0158,
203.3725, 353.5136

 2.8326, 1.2565,
9.6772

278.3620,

 1.0659, 0.1071,

247.7749, 418.9209

5.0826

331.7718,
298.2111, 491.9359

■ 0.0000, 0.0000,
2.2362

■ 0.0000, 0.0000,
0.6952

■ 53.8141, 42.1406,
97.3931

■ 53.8141, 42.1406,
97.3931

■ 47.0693, 33.2737,
96.0378

■ 61.6710, 52.8693,
99.0505

■ 41.3712, 26.1492,
94.9630

■ 70.6916, 65.5589,
101.0245

■ 36.6536, 20.6417,
94.1485

■ 80.9290, 80.3075,
103.3316

■ 32.8395, 16.6058,
93.5706

■ 92.4319, 97.2048,
105.9869

■ 29.8383, 13.8686,
93.2004

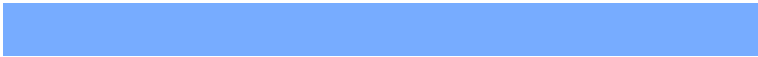
94.5708, 99.8083,
106.3767

■ 27.5197, 12.1572,
92.9923

Harmonies

Analogous

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



44.0944, 42.1406, 119.6095



53.8141, 42.1406, 97.3931



60.3808, 42.1406, 64.0571

Triad

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



53.8141, 42.1406, 97.3931



45.9779, 42.1406, 11.6626



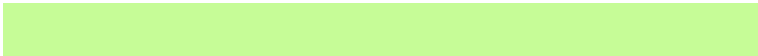
24.5539, 42.1406, 58.0250

Complementary

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



53.8141, 42.1406, 97.3931



63.6862, 83.8619, 42.1102

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.



24.8923, 42.1406, 31.5208



53.8141, 42.1406, 97.3931



36.2671, 42.1406, 11.1343

Square

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



53.8141, 42.1406, 97.3931



55.3819, 42.1406, 18.6973



28.8645, 42.1406, 16.7608



27.8515, 42.1406, 91.4845

Rectangle

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



53.8141, 42.1406, 97.3931



61.5337, 42.1406, 43.8738



28.8645, 42.1406, 16.7608



24.2631, 42.1406, 47.9546

Sweetspot

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



53.8156, 42.1423, 97.3940



81.0072, 79.4052, 105.6649



50.5592, 54.0583, 99.8657



17.0360, 16.5575, 22.5480



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.



53.8156, 42.1423, 97.3940



49.6826, 35.8972, 98.9180



68.2543, 49.6468, 95.3092



17.1693, 17.0999, 21.7810



14.5072, 6.4214, 48.4484



1.4660, 0.6578, 4.4929

Inverse Universe

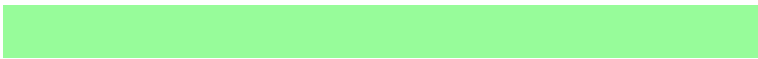
The Inverse Universe completely reimagines the original color for something new.



61.4057, 46.9074, 59.2451



58.8189, 41.6241, 53.3965



53.4376, 78.5465, 43.0784



17.5807, 17.3596, 19.6478



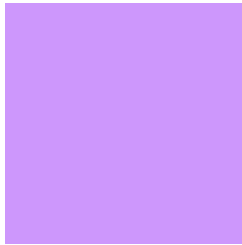
22.6655, 11.4819, 10.2130



2.1522, 1.0846, 1.2248

Previews

White Background



This preview shows how the XYZ color 53.8141, 42.1406, 97.3931 looks on a white background.

Color Contrast Check

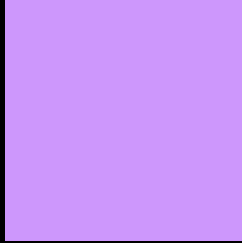
Large Text (above 18pt) WCAG AA × Fail

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 53.8141, 42.1406, 97.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

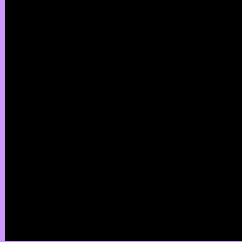
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8141, 42.1406, 97.3931

Background



This preview shows how black text looks on a background with the XYZ color 53.8141, 42.1406, 97.3931.



This preview shows how white text looks on a background with the XYZ color 53.8141, 42.1406,

97.3931.

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

53.8141, 42.1406, 97.3931

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.5499, 42.3934, 94.6943



Tritanopia

44.0493, 42.2702, 49.0173

Trichromacy



Original Color

53.8141, 42.1406, 97.3931



Protanomaly

47.1012, 41.9222, 99.3752



Deuteranomaly

46.3107, 41.6060, 95.2124

Tritanomaly

46.9114, 41.8163, 63.9914

Monochromacy



Original Color

53.8141, 42.1406, 97.3931



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.0676, 43.5235, 64.3654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8141, 42.1406, 97.3931 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(205, 151, 252)` looks like.

```
.text, #text, p{  
    color:rgb(205, 151, 252)  
}
```

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(205, 151, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 151, 252) }
```

Border

The CSS property to change the border of an element to XYZ 53.8141, 42.1406, 97.3931 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(205, 151, 252) }
```


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

```
.border{ border-color:rgb(205, 151, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 151, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 151, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 151, 252);  
box-shadow:4px 4px 4px 4px rgb(205, 151,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8141, 42.1406, 97.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 151, 252) }
```

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

```
.background{ background-color: rgb(205,  
151, 252) }
```

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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