

Converting Colors

XYZ(54.4765, 41.4515, 97.2262)

Have a look what the booklet for
XYZ(54.4765, 41.4515, 97.2262)
contains.

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Color

**XYZ(54.5827, 41.5973,
97.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	D293FC
RGB	210, 147, 252
RGB Percent	82%, 58%, 99%
CMY	0.1765, 0.4235, 0.0118
CMYK	0.17, 0.42, 0.00, 0.01
HSL	276°, 95%, 78%
HSV	276°, 42%, 99%
XYZ	54.5827, 41.5973, 97.2477
YIQ	177.8070, 3.8430, 46.0110

Conversions

Conversions Part 2

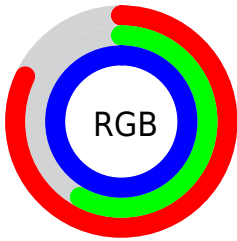
Format	Color
R _{YB}	210, 147, 252
Decimal	13800444
CIE Lab	70.59, 42.36, -43.31
CIE LCh	71, 60.579, 314.363
Yxy	41.5973, 0.2822, 0.2151
Android (android.graphics.Color)	4291990524 (0xFFD293FC)
YUV	177.8070, 36.5771, 28.2333
Hunter-Lab	64.4960, 38.1959, -44.2509

Details

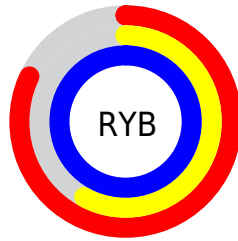
The XYZ color **54.5827, 41.5973, 97.2477** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.0643, 82.5471, 40.3202**, and the grayscale version is **42.0277, 44.2165, 48.1517**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **27.2690, 18.9946, 53.8588** is the 20% darker color. If you saturate the color by 10%, you get **48.3050, 33.1680, 95.9522**, and if you desaturate by 10%, it is **61.9023, 51.8396, 98.8396**.

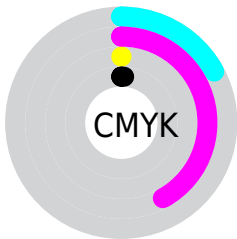
Distribution



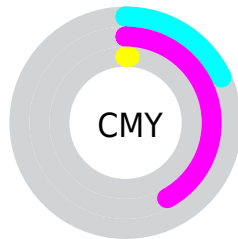
- Red (82%)
- Green (58%)
- Blue (99%)



- Red (82%)
- Yellow (58%)
- Blue (99%)



- Cyan (17%)
- Magenta (42%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (42%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5827, 41.5973, 97.2477 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 54.5827, 41.5973, 97.2477 by changing the saturation by 10% instead.


 54.5827, 41.5973,
97.2477


 54.5827, 41.5973,
97.2477


394.4903,
352.8109, 572.5031

 39.3002, 28.7861,
73.4000

 96.0812, 77.5898,
159.3884

 27.1751, 18.9191,
53.8093


 123.0279,
101.5399, 198.5185

 17.8421, 11.6118,
38.0570


154.5934,
129.9717, 243.5798

 10.9357, 6.4799,
25.7248

191.1431,
163.2697, 294.9908

 6.0906, 3.1390,
16.3940

233.0422,
201.8182, 353.1701

 2.9414, 1.2048,
9.6460

280.6563,

 1.1229, 0.0656,

246.0016, 418.5363

5.0624

334.3505,
296.2044, 491.5077

■ 0.0441, 0.0000,
2.2245

■ 0.0000, 0.0000,
0.6885

■ 54.5827, 41.5973,
97.2477

■ 54.5827, 41.5973,
97.2477

■ 48.3050, 33.1680,
95.9522

■ 61.9023, 51.8396,
98.8396

■ 43.0049, 26.4316,
94.9313

■ 70.3142, 63.9945,
100.7423

■ 38.6170, 21.2612,
94.1646

■ 79.8704, 78.1602,
102.9729

■ 35.0648, 17.5090,
93.6276

■ 90.6180, 94.4265,
105.5462

■ 32.2569, 14.9975,
93.2908

94.5708, 99.8083,
106.3766

■ 30.3707, 13.6269,
93.1257

Harmonies

Analogous

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



44.5075, 41.5973, 122.4471



54.5827, 41.5973, 97.2477



61.1239, 41.5973, 61.8372

Triad

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



54.5827, 41.5973, 97.2477



44.9561, 41.5973, 10.2431



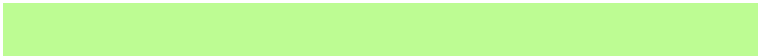
23.6663, 41.5973, 60.3923

Complementary

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



54.5827, 41.5973, 97.2477



61.0643, 82.5471, 40.3202

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.



23.7451, 41.5973, 31.9980



54.5827, 41.5973, 97.2477



34.9511, 41.5973, 10.1258

Square

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



54.5827, 41.5973, 97.2477



54.9586, 41.5973, 16.6454



27.5463, 41.5973, 16.2049



27.3093, 41.5973, 95.8131

Rectangle

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



54.5827, 41.5973, 97.2477



62.0061, 41.5973, 41.2259



27.5463, 41.5973, 16.2049



23.2807, 41.5973, 49.6179

Sweetspot

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



54.5842, 41.5990, 97.2486



81.6927, 79.7586, 105.6970



47.8023, 49.6281, 99.1558



17.1974, 16.6407, 22.5555



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.



54.5842, 41.5990, 97.2486



50.6061, 35.3656, 98.7668



66.5317, 47.9452, 89.3598



17.2821, 17.1580, 21.7863



15.9912, 7.1865, 48.5178



1.6006, 0.7272, 4.4992

Inverse Universe

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



59.7651, 45.2385, 53.7274



56.9803, 39.8027, 47.0625



52.9729, 78.2763, 44.4411



17.5322, 17.3403, 19.3925



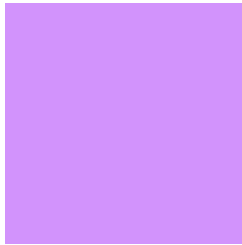
22.1984, 11.2951, 7.7532



2.1067, 1.0664, 0.9854

Previews

White Background



This preview shows how the XYZ color 54.5827, 41.5973, 97.2477 looks on a white background.

Color Contrast Check

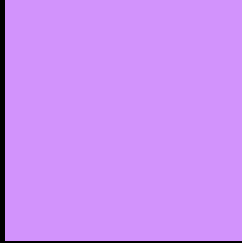
Large Text (above 18pt) WCAG AA × Fail

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 54.5827, 41.5973, 97.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

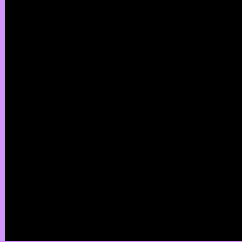
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5827, 41.5973, 97.2477

Background



This preview shows how black text looks on a background with the XYZ color 54.5827, 41.5973, 97.2477.



This preview shows how white text looks on a background with the XYZ color 54.5827, 41.5973,

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

54.5827, 41.5973, 97.2477

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

43.0285, 41.8610, 93.8078



Tritanopia

44.4006, 41.6913, 46.7813

Trichromacy



Original Color

54.5827, 41.5973, 97.2477



Protanomaly

46.9582, 41.3212, 99.2668



Deuteranomaly

46.3814, 41.1152, 95.1140

Tritanomaly

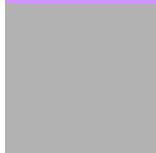
47.4831, 41.3699, 62.6093

Monochromacy



Original Color

54.5827, 41.5973, 97.2477



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.0734, 42.9924, 63.6276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5827, 41.5973, 97.2477 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(210, 147, 252) looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 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(210, 147, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 252) }
```

Border

The CSS property to change the border of an element to XYZ 54.5827, 41.5973, 97.2477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

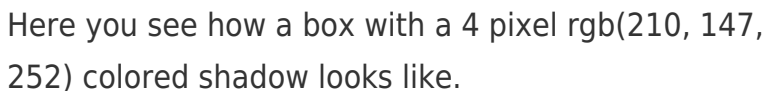
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 147, 252) }
```


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

```
.border{ border-color:rgb(210, 147, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 147, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5827, 41.5973, 97.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 252) }
```

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

```
.background{ background-color: rgb(210,  
147, 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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