

Converting Colors

XYZ(51.1405, 28.1672, 97.3492)

Have a look what the booklet for
XYZ(51.1405, 28.1672, 97.3492)
contains.

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Color

**XYZ(51.1353, 28.2157,
97.3588)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF4DFF |
| RGB | 223, 77, 255 |
| RGB Percent | 87%, 30%, 100% |
| CMY | 0.1255, 0.6980, 0.0000 |
| CMYK | 0.13, 0.70, 0.00, 0.00 |
| HSL | 289°, 100%, 65% |
| HSV | 289°, 70%, 100% |
| XYZ | 51.1353, 28.2157, 97.3588 |
| YIQ | 140.9460, 29.8780, 86.3100 |

Conversions

Conversions Part 2

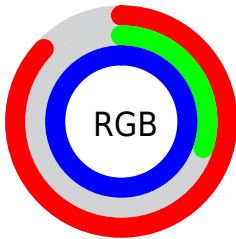
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 77, 255 |
| Decimal | 14634495 |
| CIE Lab | 60.08, 78.71, -61.50 |
| CIE LCh | 60, 99.892, 321.999 |
| Yxy | 28.2157, 0.2894, 0.1597 |
| Android (android.graphics.Color) | 4292824575 (0xFFDF4DFF) |
| YUV | 140.9460, 56.2286, 71.9614 |
| Hunter-Lab | 53.1185, 78.8785, -71.4875 |

Details

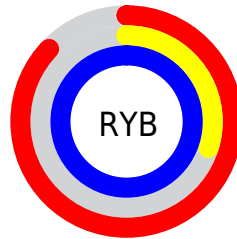
The XYZ color **51.1353, 28.2157, 97.3588** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **43.4068, 75.3073, 19.2702**, and the grayscale version is **25.0763, 26.3822, 28.7302**.

A 20% lighter version of the original color is **68.2357, 46.3713, 99.9619**, and **25.1823, 11.8177, 53.7771** is the 20% darker color. If you saturate the color by 10%, you get **48.2947, 24.6020, 96.8110**, and if you desaturate by 10%, it is **54.7150, 33.2488, 98.1416**.

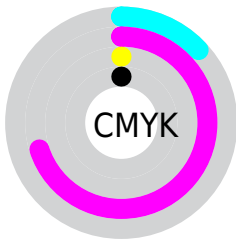
Distribution



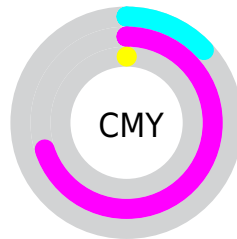
- Red (87%)
- Green (30%)
- Blue (100%)



- Red (87%)
- Yellow (30%)
- Blue (100%)



- Cyan (13%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1353, 28.2157, 97.3588 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 51.1353, 28.2157, 97.3588 by changing the saturation by 10% instead.


 51.1353, 28.2157,
97.3588


 51.1353, 28.2157,
97.3588

381.4682,
293.4962, 572.8653

 36.5378, 18.4883,
73.4921


 91.0365, 56.8286,
159.5429


 25.0218, 11.3011,
53.8841


 117.0710, 76.4830,
198.6973

 16.2222, 6.2698,
38.1165


 147.6484,
100.2151, 243.7847

 9.7733, 3.0098,
25.7706

 183.1342,
128.4094, 295.2236

 5.3100, 1.1369,
16.4279

223.8937,
161.4503, 353.4326

 2.4669, 0.0092,
9.6698

270.2924,

 0.8786, 0.0000,

199.7221, 418.8302

5.0779

322.6954,
243.6093, 491.8349

■ 0.0000, 0.0000,
2.2335

■ 0.0000, 0.0000,
0.6936

■ 51.1353, 28.2157,
97.3588

■ 51.1353, 28.2157,
97.3588

■ 48.2947, 24.6020,
96.8110

■ 54.7150, 33.2488,
98.1416

■ 46.1027, 22.2302,
96.4687

■ 59.1040, 39.8441,
99.1833

■ 44.4208, 20.8228,
96.2857

■ 64.3673, 48.1306,
100.5053

■ 44.3896, 20.7986,
96.2827

■ 70.5625, 58.2228,
102.1268

■ 77.7421, 70.2252,
104.0651

■ 85.9545, 84.2344,
106.3363

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



37.0853, 28.2157, 152.5575



51.1353, 28.2157, 97.3588



59.1423, 28.2157, 41.5635

Triad

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



51.1353, 28.2157, 97.3588



30.3760, 28.2157, 0.3266



9.9091, 28.2157, 65.2249

Complementary

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



51.1353, 28.2157, 97.3588



43.4068, 75.3073, 19.2702

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.



9.1343, 28.2157, 21.9517



51.1353, 28.2157, 97.3588



18.6459, 28.2157, 0.7671

Square

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



51.1353, 28.2157, 97.3588



44.9128, 28.2157, 1.9653



11.7714, 28.2157, 4.6039



14.3827, 28.2157, 125.8526

Rectangle

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



51.1353, 28.2157, 97.3588



58.6408, 28.2157, 18.3192



11.7714, 28.2157, 4.6039



9.2798, 28.2157, 47.7447

Sweetspot

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



51.1364, 28.2169, 97.3590



76.8283, 68.6831, 103.8156



26.6479, 19.8718, 97.0389



16.0057, 13.9636, 22.1016



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.



51.1364, 28.2169, 97.3590



47.3011, 23.4663, 96.6442



54.1607, 30.6751, 56.8772



18.4535, 18.1255, 22.7759



23.3107, 10.9276, 50.3152



2.3495, 1.1051, 4.9027

Inverse Universe

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



46.6547, 27.6727, 17.3512



43.4485, 23.4011, 9.6826



43.0803, 74.8017, 34.4923



18.1427, 18.0404, 19.3685



21.8430, 11.2265, 2.5580



2.1612, 1.1069, 0.4305

Previews

White Background



This preview shows how the XYZ color 51.1353, 28.2157, 97.3588 looks on a white background.

Color Contrast Check

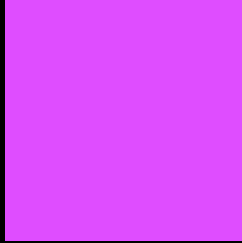
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1353, 28.2157, 97.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

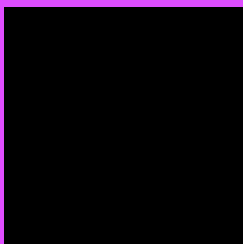
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.1353, 28.2157, 97.3588

Background



This preview shows how black text looks on a background with the XYZ color 51.1353, 28.2157, 97.3588.



This preview shows how white text looks on a background with the XYZ color 51.1353, 28.2157,

97.3588.

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

51.1353, 28.2157, 97.3588

Protanopia

31.7913, 28.4434, 98.4223

Deuteranopia

29.5171, 28.6066, 88.7599



Tritanopia

35.9467, 27.8740, 23.9077

Trichromacy



Original Color

51.1353, 28.2157, 97.3588



Protanomaly

35.0097, 25.5801, 97.7000



Deuteranomaly

32.8318, 25.1360, 91.1170



Tritanomaly

39.7417, 26.9537, 43.1524

Monochromacy



Original Color

51.1353, 28.2157, 97.3588



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

31.7165, 24.9922, 47.4083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1353, 28.2157, 97.3588 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(223, 77, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 77, 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(223, 77, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 77, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.1353, 28.2157, 97.3588 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(223, 77, 255) }
```


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

```
.border{ border-color:rgb(223, 77, 255) }
```

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

Here you see how a box with a 4 pixel rgb(223, 77, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 77, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 77, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 77,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1353, 28.2157, 97.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 77, 255) }
```

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

```
.background{ background-color: rgb(223, 77,  
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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