

Converting Colors

XYZ(55.4030, 28.9976, 93.8405)

Have a look what the booklet for
XYZ(55.4030, 28.9976, 93.8405)
contains.

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Color

**XYZ(55.3570, 29.0033,
93.9473)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F13DFB |
| RGB | 241, 61, 251 |
| RGB Percent | 95%, 24%, 98% |
| CMY | 0.0549, 0.7608, 0.0157 |
| CMYK | 0.04, 0.76, 0.00, 0.02 |
| HSL | 297°, 96%, 61% |
| HSV | 297°, 76%, 98% |
| XYZ | 55.3570, 29.0033, 93.9473 |
| YIQ | 136.4800, 46.2900, 97.2500 |

Conversions

Conversions Part 2

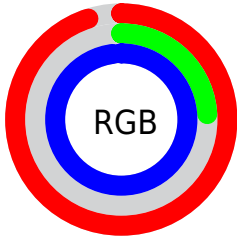
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 241, 61, 251 |
| Decimal | 15810043 |
| CIE Lab | 60.78, 86.59, -58.01 |
| CIE LCh | 61, 104.227, 326.178 |
| Yxy | 29.0033, 0.3105, 0.1627 |
| Android (android.graphics.Color) | 4294000123 (0xFFFF13DFB) |
| YUV | 136.4800, 56.4584, 91.6640 |
| Hunter-Lab | 53.8547, 89.2335, -65.7306 |

Details

The XYZ color **55.3570, 29.0033, 93.9473** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **37.9389, 70.6715, 16.0575**, and the grayscale version is **23.3662, 24.5830, 26.7709**.

A 20% lighter version of the original color is **66.8794, 43.6587, 99.5098**, and **28.5600, 13.5983, 52.1584** is the 20% darker color. If you saturate the color by 10%, you get **53.8678, 26.6908, 93.5798**, and if you desaturate by 10%, it is **57.4780, 32.5725, 94.5248**.

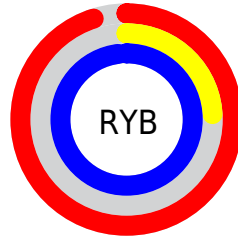
Distribution



Red (95%)

Green (24%)

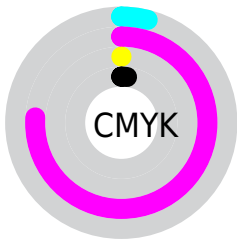
Blue (98%)



Red (95%)

Yellow (24%)

Blue (98%)

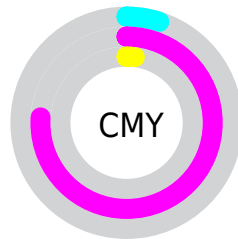


Cyan (4%)

Magenta (76%)

Yellow (0%)

Black (2%)



Cyan (5%)


Magenta (76%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3570, 29.0033, 93.9473 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 55.3570, 29.0033, 93.9473 by changing the saturation by 10% instead.


 55.3570, 29.0033,
93.9473


 55.3570, 29.0033,
93.9473

397.3782,
297.2305, 561.6874


 39.9226, 19.0833,
70.6671

 97.2091, 58.0823,
154.7925


 27.6621, 11.7305,
51.5904


 124.3575, 78.0102,
193.1946

 18.2103, 6.5604,
36.2987


 156.1413,
102.0427, 237.4743

 11.2017, 3.1888,
24.3735

 192.9258,
130.5644, 288.0503

 6.2709, 1.2311,
15.3961

 235.0764,
163.9597, 345.3410

 3.0527, 0.0869,
8.9482

282.9584,

 1.1817, 0.0000,

202.6129, 409.7651

4.6110

336.9372,
246.9083, 481.7411

■ 0.0919, 0.0000,
1.9662

■ 0.0000, 0.0000,
0.5344

■ 55.3570, 29.0033,
93.9473

■ 55.3570, 29.0033,
93.9473

■ 53.8678, 26.6908,
93.5798

■ 57.4780, 32.5725,
94.5248


■ 52.9111, 25.4396,
93.3888


■ 60.3046, 37.5490,
95.3364


■ 52.6025, 25.1061,
93.3407


■ 63.9043, 44.0666,
96.4047

■ 68.3354, 52.2425,
97.7493

 73.6510, 62.1823,
99.3877

 79.8996, 73.9832,
101.3362

 87.1261, 87.7350,
103.6097

 93.1617, 99.1002,
105.4852

 93.6407, 99.3471,
105.5077

Harmonies

Analogous

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



40.7261, 29.0033, 156.9475



55.3570, 29.0033, 93.9473



62.5727, 29.0033, 36.8175

Triad

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



55.3570, 29.0033, 93.9473



29.3397, 29.0033, 0.0564



10.1776, 29.0033, 77.2352

Complementary

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



55.3570, 29.0033, 93.9473



37.9389, 70.6715, 16.0575

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.



8.8910, 29.0033, 26.8638



55.3570, 29.0033, 93.9473



17.5998, 29.0033, 0.7875

Square

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



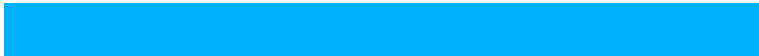
55.3570, 29.0033, 93.9473



44.7527, 29.0033, 1.3075



11.0975, 29.0033, 5.5989



15.4629, 29.0033, 142.9076

Rectangle

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



55.3570, 29.0033, 93.9473



60.9066, 29.0033, 15.0237



11.0975, 29.0033, 5.5989



9.3567, 29.0033, 57.2523

Sweetspot

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



55.3582, 29.0046, 93.9479



77.9825, 67.5372, 103.5336



21.7648, 12.8117, 92.5929



16.2217, 13.5719, 22.0146



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.



55.3582, 29.0046, 93.9479



55.2445, 26.8478, 96.8782



48.5836, 26.6999, 39.9672



17.8975, 17.4753, 21.8151



27.6899, 13.2174, 49.0653



2.5914, 1.2380, 4.5456

Inverse Universe

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



42.5906, 24.3027, 8.4086



41.8512, 21.9931, 3.6420



41.4059, 71.9805, 37.8325



17.2816, 17.2400, 18.0728



20.9663, 10.8023, 1.2652



1.9544, 1.0055, 0.1836

Previews

White Background



This preview shows how the XYZ color 55.3570, 29.0033, 93.9473 looks on a white background.

Color Contrast Check

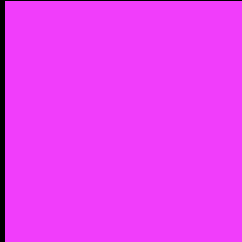
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.3570, 29.0033, 93.9473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

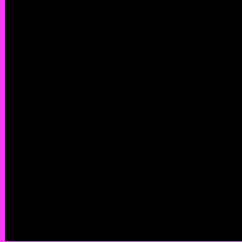
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 55.3570, 29.0033, 93.9473

Background



This preview shows how black text looks on a background with the XYZ color 55.3570, 29.0033, 93.9473.



This preview shows how white text looks on a background with the XYZ color 55.3570, 29.0033,

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

55.3570, 29.0033, 93.9473

Protanopia

32.4886, 29.2446, 98.5402

Deuteranopia

30.1807, 29.2646, 84.9469



Tritanopia

40.0656, 28.7083, 20.8823

Trichromacy



Original Color

55.3570, 29.0033, 93.9473



Protanomaly

35.8271, 25.1691, 96.7357



Deuteranomaly

34.2771, 25.0728, 87.8270



Tritanomaly

43.8444, 27.6076, 39.5772

Monochromacy



Original Color

55.3570, 29.0033, 93.9473



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

30.9601, 23.1503, 44.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3570, 29.0033, 93.9473 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(241, 61, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 61, 251)  
}
```

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(241, 61, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 61, 251) }
```

Border

The CSS property to change the border of an element to XYZ 55.3570, 29.0033, 93.9473 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(241, 61, 251) }
```


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

```
.border{ border-color:rgb(241, 61, 251) }
```

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

Here you see how a box with a 4 pixel rgb(241, 61, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 61, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 61, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 61,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3570, 29.0033, 93.9473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 61, 251) }
```

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

```
.background{ background-color: rgb(241, 61,  
251) }
```

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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