

Converting Colors

XYZ(29.2172, 13.3330, 95.6413)

Have a look what the booklet for
XYZ(29.2172, 13.3330, 95.6413)
contains.

XYZ(29.2674, 13.3485, 95.6417)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2674, 13.3485,
95.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	8D13FF
RGB	141, 19, 255
RGB Percent	55%, 7%, 100%
CMY	0.4470, 0.9255, 0.0000
CMYK	0.45, 0.93, 0.00, 0.00
HSL	271°, 100%, 54%
HSV	271°, 93%, 100%
XYZ	29.2674, 13.3485, 95.6417
YIQ	82.3820, -3.0440, 99.2600

Conversions

Conversions Part 2

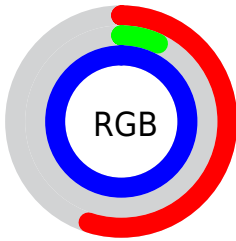
Format	Color
R _Y B	141, 19, 255
Decimal	9245695
CIE Lab	43.28, 82.11, -89.33
CIE LCh	43, 121.328, 312.588
Yxy	13.3485, 0.2117, 0.0965
Android (android.graphics.Color)	4287435775 (0xFF8D13FF)
YUV	82.3820, 85.1007, 51.4080
Hunter-Lab	36.5356, 79.0529, -129.6325

Details

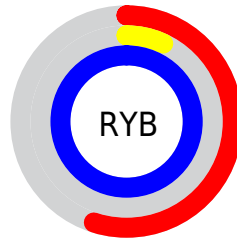
The XYZ color **29.2674, 13.3485, 95.6417** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **45.5491, 76.5529, 12.9915**, and the grayscale version is **7.9320, 8.3451, 9.0878**.

A 20% lighter version of the original color is **46.6080, 27.3697, 97.4341**, and **12.9021, 5.4871, 53.2024** is the 20% darker color. If you saturate the color by 10%, you get **27.5390, 12.1118, 95.4941**, and if you desaturate by 10%, it is **32.1671, 15.8623, 95.9741**.

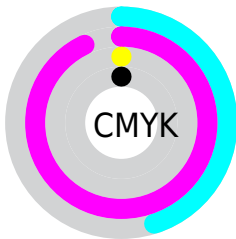
Distribution



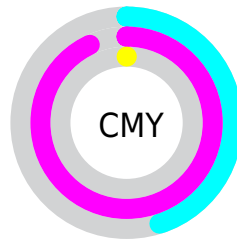
- Red (55%)
- Green (7%)
- Blue (100%)



- Red (55%)
- Yellow (7%)
- Blue (100%)



- Cyan (45%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2674, 13.3485, 95.6417 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 29.2674, 13.3485, 95.6417 by changing the saturation by 10% instead.


 29.2674, 13.3485,
95.6417


 29.2674, 13.3485,
95.6417


290.4460,
213.1392, 567.2540

 19.4285, 7.6690,
72.0693

 57.8963, 31.9285,
157.1540

 12.0861, 3.8839,
52.7281

 77.4170, 45.5977,
195.9311


 6.8750, 1.6088,
37.1996


 100.8956, 62.6989,
240.6135

 3.4297, 0.3635,
25.0650

 128.6976, 83.6166,
291.6197

 1.3848, 0.0000,
15.9061

 161.1883,
108.7351, 349.3683

 0.2454, 0.0000,
9.3041

 198.7330,

 0.0000, 0.0000,

138.4387, 414.2779

4.8405

241.6972,
173.1120, 486.7669

■ 0.0000, 0.0000,
2.0969

■ 0.0000, 0.0000,
0.6139

■ 29.2674, 13.3485,
95.6417

■ 29.2674, 13.3485,
95.6417

■ 27.5390, 12.1118,
95.4941

■ 32.1671, 15.8623,
95.9741

■ 35.8903, 19.6680,
96.5124

■ 40.5372, 24.9540,
97.2878

■ 46.1906, 31.8764,
98.3260

■ 52.9229, 40.5704,
99.6493

■ 60.7991, 51.1570,
101.2776

■ 69.8788, 63.7460,
103.2289

■ 80.2167, 78.4389,
105.5201

■ 91.8642, 95.3299,
108.1665

Harmonies

Analogous

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



17.0475, 13.3485, 146.1618



29.2674, 13.3485, 95.6417



38.9233, 13.3485, 36.1747

Triad

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



29.2674, 13.3485, 95.6417



18.9000, 13.3485, 0.0000



1.9604, 13.3485, 28.9836

Complementary

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



29.2674, 13.3485, 95.6417



45.5491, 76.5529, 12.9915

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.



2.0760, 13.3485, 3.8964



29.2674, 13.3485, 95.6417



9.1423, 13.3485, 0.0000

Square

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



29.2674, 13.3485, 95.6417



31.1857, 13.3485, 0.0000



3.9663, 13.3485, 0.0000



3.4912, 13.3485, 85.2269

Rectangle

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



29.2674, 13.3485, 95.6417



40.6579, 13.3485, 12.3203



3.9663, 13.3485, 0.0000



1.8431, 13.3485, 16.9987

Sweetspot

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



29.2682, 13.3488, 95.6417



64.7780, 56.6307, 102.1244



26.7149, 24.1513, 97.8614



13.0562, 11.0080, 21.6866



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.



29.2682, 13.3488, 95.6417



27.5390, 12.1118, 95.4941



58.8959, 28.6949, 93.7564



17.8988, 17.8396, 22.7500



14.5631, 6.4180, 49.9058



1.5441, 0.6900, 4.8651

Inverse Universe

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



45.7059, 23.4189, 24.2987



44.8259, 22.6943, 20.8129



36.1825, 71.7200, 12.7433



18.3749, 18.1333, 20.5914



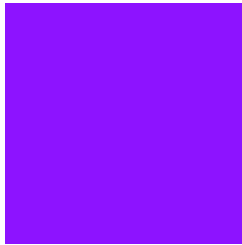
23.4971, 11.8881, 11.2683



2.3427, 1.1795, 1.3862

Previews

White Background



This preview shows how the XYZ color 29.2674, 13.3485, 95.6417 looks on a white background.

Color Contrast Check

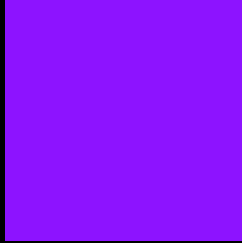
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.2674, 13.3485, 95.6417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

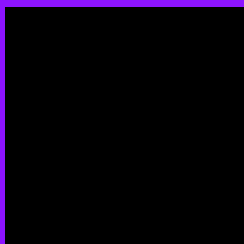
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.2674, 13.3485, 95.6417

Background



This preview shows how black text looks on a background with the XYZ color 29.2674, 13.3485, 95.6417.



This preview shows how white text looks on a background with the XYZ color 29.2674, 13.3485,

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

29.2674, 13.3485, 95.6417

Protanopia

15.8470, 13.4777, 61.4407

Deuteranopia

13.1883, 13.3578, 44.5310



Tritanopia

13.2078, 13.2612, 16.0509

Trichromacy



Original Color

29.2674, 13.3485, 95.6417



Protanomaly

17.1460, 10.5204, 72.3611



Deuteranomaly

15.0765, 10.1064, 60.1876



Tritanomaly

16.2940, 11.0016, 34.9829

Monochromacy



Original Color

29.2674, 13.3485, 95.6417



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

12.2683, 8.0558, 27.6964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2674, 13.3485, 95.6417 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(141, 19, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 19, 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(141, 19, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 19, 255) }
```

Border

The CSS property to change the border of an element to XYZ 29.2674, 13.3485, 95.6417 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(141, 19, 255) }
```


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

```
.border{ border-color:rgb(141, 19, 255) }
```

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

Here you see how a box with a 4 pixel rgb(141, 19, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 19, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 19, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 19,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2674, 13.3485, 95.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 19, 255) }
```

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

```
.background{ background-color: rgb(141, 19,  
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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