

Converting Colors

XYZ(29.3045, 14.4786, 95.8579)

Have a look what the booklet for
XYZ(29.3045, 14.4786, 95.8579)
contains.

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Color

**XYZ(29.3435, 14.4924,
95.8585)**

Conversions

Conversions Part 1

Format	Color
Hex	892EFF
RGB	137, 46, 255
RGB Percent	54%, 18%, 100%
CMY	0.4627, 0.8196, 0.0000
CMYK	0.46, 0.82, 0.00, 0.00
HSL	266°, 100%, 59%
HSV	266°, 82%, 100%
XYZ	29.3435, 14.4924, 95.8585
YIQ	97.0350, -12.8530, 84.2910

Conversions

Conversions Part 2

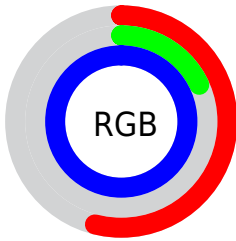
Format	Color
R _{YB}	137, 46, 255
Decimal	8990463
CIE _{Lab}	44.93, 75.30, -86.63
CIE _{LCh}	45, 114.781, 310.996
Y _{xy}	14.4924, 0.2101, 0.1037
Android (android.graphics.Color)	4287180543 (0xFF892EFF)
Y _{UV}	97.0350, 77.8767, 35.0493
Hunter-Lab	38.0689, 70.9673, -122.6456

Details

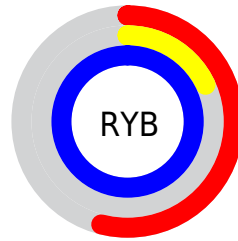
The XYZ color **29.3435, 14.4924, 95.8585** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **51.5619, 79.6092, 15.2333**, and the grayscale version is **11.1888, 11.7715, 12.8192**.

A 20% lighter version of the original color is **46.6548, 29.4653, 97.8361**, and **12.6038, 5.3333, 53.1885** is the 20% darker color. If you saturate the color by 10%, you get **26.4215, 11.9203, 95.5160**, and if you desaturate by 10%, it is **33.1723, 18.4081, 96.4125**.

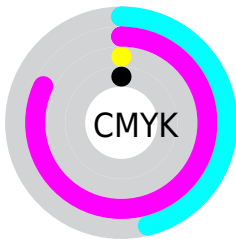
Distribution



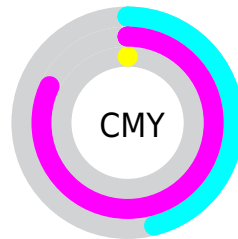
- Red (54%)
- Green (18%)
- Blue (100%)



- Red (54%)
- Yellow (18%)
- Blue (100%)



- Cyan (46%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3435, 14.4924, 95.8585 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 29.3435, 14.4924, 95.8585 by changing the saturation by 10% instead.

 29.3435, 14.4924,
95.8585


 29.3435, 14.4924,
95.8585


290.7973,
220.2729, 567.9641

 19.4864, 8.4639,
72.2489


 58.0162, 33.9602,
157.4559

 12.1284, 4.3932,
52.8739


 77.5625, 48.1683,
196.2807


 6.9040, 1.8959,
37.3151

 101.0693, 65.8718,
241.0144

 3.4479, 0.5459,
25.1539

 128.9018, 87.4550,
292.0755

 1.3948, 0.0000,
15.9717

 161.4256,
113.3023, 349.8824

 0.2525, 0.0000,
9.3500

 199.0058,

 0.0000, 0.0000,

143.7981, 414.8538

4.8702

242.0079,
179.3269, 487.4082

■ 0.0000, 0.0000,
2.1139

■ 0.0000, 0.0000,
0.6240

■ 29.3435, 14.4924,
95.8585

■ 29.3435, 14.4924,
95.8585

■ 26.4215, 11.9203,
95.5160

■ 33.1723, 18.4081,
96.4125

■ 24.6099, 10.6018,
95.3570

■ 38.0082, 23.8545,
97.2089

■ 43.9387, 30.9887,
98.2733

■ 51.0400, 39.9474,
99.6283

■ 59.3805, 50.8526,
101.2936

■ 69.0232, 63.8157,
103.2875

■ 80.0264, 78.9395,
105.6267

■ 92.4445, 96.3195,
108.3269

■ 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.



17.5146, 14.4924, 140.4771



29.3435, 14.4924, 95.8585



38.8782, 14.4924, 39.3250

Triad

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



29.3435, 14.4924, 95.8585



20.5321, 14.4924, 0.0000



2.5642, 14.4924, 27.8446

Complementary

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



29.3435, 14.4924, 95.8585



51.5619, 79.6092, 15.2333

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.



2.7830, 14.4924, 4.2189



29.3435, 14.4924, 95.8585



10.6089, 14.4924, 0.0000

Square

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



29.3435, 14.4924, 95.8585



32.3960, 14.4924, 0.1517



4.9991, 14.4924, 0.0000



4.1456, 14.4924, 79.8406

Rectangle

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



29.3435, 14.4924, 95.8585



40.8718, 14.4924, 14.8974



4.9991, 14.4924, 0.0000



2.4585, 14.4924, 16.6963

Sweetspot

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



29.3443, 14.4927, 95.8585



65.9514, 59.6522, 102.6457



32.5298, 34.5071, 99.5538



13.3893, 11.7902, 21.8200



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.



29.3443, 14.4927, 95.8585



25.0336, 10.9024, 95.3927



55.3254, 27.8865, 97.0744



17.7534, 17.7646, 22.7432



13.0232, 5.6242, 49.8338



1.3906, 0.6108, 4.8579

Inverse Universe

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



48.9174, 25.8941, 37.5393



46.4981, 23.4518, 29.3459



38.1126, 72.6758, 14.6038



18.4390, 18.1589, 20.9287



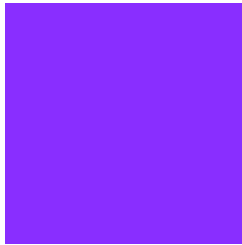
24.2542, 12.1910, 15.2548



2.4164, 1.2089, 1.7744

Previews

White Background



This preview shows how the XYZ color 29.3435, 14.4924, 95.8585 looks on a white background.

Color Contrast Check

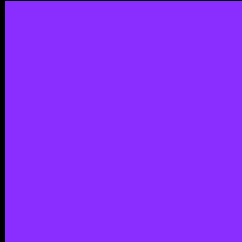
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3435, 14.4924, 95.8585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

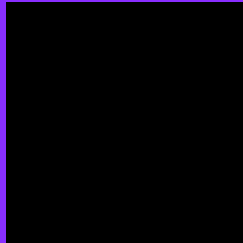
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.3435, 14.4924, 95.8585

Background



This preview shows how black text looks on a background with the XYZ color 29.3435, 14.4924, 95.8585.



This preview shows how white text looks on a background with the XYZ color 29.3435, 14.4924,

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

29.3435, 14.4924, 95.8585

Protanopia

17.1460, 14.4606, 66.8532

Deuteranopia

14.2256, 14.4401, 47.9364



Tritanopia

13.6154, 14.3126, 18.2647

Trichromacy



Original Color

29.3435, 14.4924, 95.8585



Protanomaly

18.6156, 12.4259, 76.2802



Deuteranomaly

16.2760, 11.9868, 62.4286



Tritanomaly

16.9927, 12.6712, 37.6266

Monochromacy



Original Color

29.3435, 14.4924, 95.8585



Achromatopsia

11.3621, 11.9538, 13.0177



Achromatomaly

15.2392, 11.2266, 31.9356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3435, 14.4924, 95.8585 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(137, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 46, 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(137, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 46, 255) }
```

Border

The CSS property to change the border of an element to XYZ 29.3435, 14.4924, 95.8585 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(137, 46, 255) }
```


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

```
.border{ border-color:rgb(137, 46, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 46, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 46,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3435, 14.4924, 95.8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 46, 255) }
```

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

```
.background{ background-color: rgb(137, 46,  
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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