

Converting Colors

XYZ(29.2079, 14.5417, 94.9591)

Have a look what the booklet for
XYZ(29.2079, 14.5417, 94.9591)
contains.

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Color

**XYZ(29.2629, 14.5880,
95.0394)**

Conversions

Conversions Part 1

Format	Color
Hex	8930FE
RGB	137, 48, 254
RGB Percent	54%, 19%, 100%
CMY	0.4627, 0.8118, 0.0039
CMYK	0.46, 0.81, 0.00, 0.00
HSL	266°, 99%, 59%
HSV	266°, 81%, 100%
XYZ	29.2629, 14.5880, 95.0394
YIQ	98.0950, -13.0820, 82.9340

Conversions

Conversions Part 2

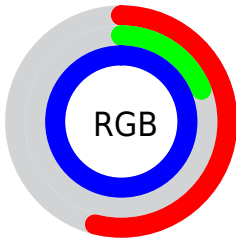
Format	Color
R_{YB}	137, 48, 254
Decimal	8990974
CIE _{Lab}	45.06, 74.41, -85.85
CIE _{LCh}	45, 113.613, 310.916
Yxy	14.5880, 0.2107, 0.1050
Android (android.graphics.Color)	4287181054 (0xFF8930FE)
YUV	98.0950, 76.8612, 34.1197
Hunter-Lab	38.1942, 69.9196, -120.7964

Details

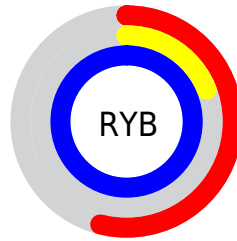
The XYZ color **29.2629, 14.5880, 95.0394** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **51.4911, 79.0959, 15.3493**, and the grayscale version is **11.4509, 12.0473, 13.1195**.

A 20% lighter version of the original color is **46.7572, 29.6702, 97.8703**, and **12.5623, 5.3251, 52.5903** is the 20% darker color. If you saturate the color by 10%, you get **26.2964, 11.9328, 94.6836**, and if you desaturate by 10%, it is **33.1409, 18.5940, 95.6086**.

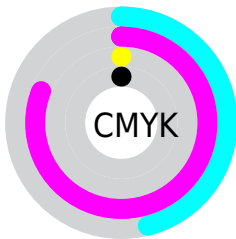
Distribution



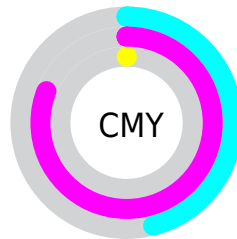
- Red (54%)
- Green (19%)
- Blue (100%)



- Red (54%)
- Yellow (19%)
- Blue (100%)



- Cyan (46%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2629, 14.5880, 95.0394 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 29.2629, 14.5880, 95.0394 by changing the saturation by 10% instead.


 29.2629, 14.5880,
95.0394


 29.2629, 14.5880,
95.0394


290.4253,
220.8588, 565.2787

 19.4251, 8.5308,
71.5707


 57.8892, 34.1288,
156.3151

 12.0836, 4.4364,
52.3234

 77.4084, 48.3811,
194.9591


 6.8733, 1.9206,
36.8789


 100.8854, 66.1339,
239.4987

 3.4286, 0.5607,
24.8187

 128.6856, 87.7715,
290.3524

 1.3843, 0.0000,
15.7242

 161.1743,
113.6784, 347.9387

 0.2450, 0.0000,
9.1770

 198.7169,

 0.0000, 0.0000,

144.2390, 412.6762

4.7584

241.6788,
179.8377, 484.9833

■ 0.0000, 0.0000,
2.0500

■ 0.0000, 0.0000,
0.5858

■ 29.2629, 14.5880,
95.0394

■ 29.2629, 14.5880,
95.0394

■ 26.2964, 11.9328,
94.6836

■ 33.1409, 18.5940,
95.6086

■ 24.2883, 10.4545,
94.5041

■ 38.0280, 24.1328,
96.4201

■ 44.0101, 31.3580,
97.4995

■ 51.1620, 40.4037,
98.8685

■ 59.5512, 51.3898,
100.5469

■ 69.2399, 64.4260,
102.5525

■ 80.2855, 79.6133,
104.9017

■ 92.7420, 97.0462,
107.6101

■ 94.8895, 99.9358,
108.0547

Harmonies

Analogous

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



17.5512, 14.5880, 138.7686



29.2629, 14.5880, 95.0394



38.6962, 14.5880, 39.3247

Triad

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



29.2629, 14.5880, 95.0394



20.6031, 14.5880, 0.0000



2.6521, 14.5880, 27.7475

Complementary

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



29.2629, 14.5880, 95.0394



51.4911, 79.0959, 15.3493

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.



2.8779, 14.5880, 4.3058



29.2629, 14.5880, 95.0394



10.7356, 14.5880, 0.0000

Square

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



29.2629, 14.5880, 95.0394



32.3399, 14.5880, 0.2298



5.1171, 14.5880, 0.0000



4.2420, 14.5880, 78.9733

Rectangle

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



29.2629, 14.5880, 95.0394



40.6806, 14.5880, 15.0755



5.1171, 14.5880, 0.0000



2.5464, 14.5880, 16.7206

Sweetspot

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



29.2638, 14.5884, 95.0398



66.8860, 60.9681, 102.8505



33.1416, 35.8508, 98.9395



13.5676, 12.0415, 21.8591



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.



29.2638, 14.5884, 95.0398



25.1406, 10.9986, 95.4056



53.8159, 27.2454, 96.1888



17.7474, 17.7615, 22.7429



12.9665, 5.5950, 49.8311



1.3848, 0.6078, 4.8576

Inverse Universe

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



48.7210, 25.9010, 38.0256



46.6784, 23.5682, 30.1588



38.1663, 72.2268, 14.7257



18.4416, 18.1600, 20.9427



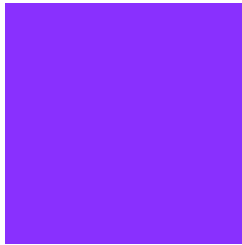
24.2885, 12.2047, 15.4356



2.4197, 1.2103, 1.7916

Previews

White Background



This preview shows how the XYZ color 29.2629, 14.5880, 95.0394 looks on a white background.

Color Contrast Check

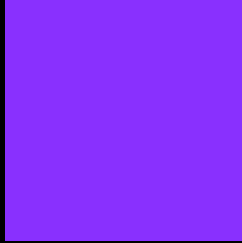
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2629, 14.5880, 95.0394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

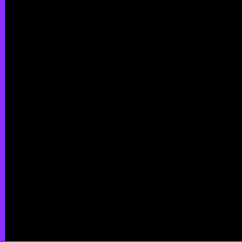
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.2629, 14.5880, 95.0394

Background



This preview shows how black text looks on a background with the XYZ color 29.2629, 14.5880, 95.0394.



This preview shows how white text looks on a background with the XYZ color 29.2629, 14.5880,

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

29.2629, 14.5880, 95.0394

Protanopia

17.2449, 14.6584, 66.8862

Tritanopia

13.7280, 14.3707, 18.2699

Trichromacy



Original Color

29.2629, 14.5880, 95.0394



Protanomaly

18.6916, 12.5778, 76.3055



Tritanomaly

17.2017, 12.8950, 37.6588

Monochromacy



Original Color

29.2629, 14.5880, 95.0394



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

15.4671, 11.5486, 32.4242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2629, 14.5880, 95.0394 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, 48, 254)` looks like.

```
.text, #text, p{  
    color:rgb(137, 48, 254)  
}
```

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, 48, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 48, 254) }
```

Border

The CSS property to change the border of an element to XYZ 29.2629, 14.5880, 95.0394 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, 48, 254) }
```

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

```
.border{ border-color:rgb(137, 48, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 48, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 48, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 48, 254);  
box-shadow:4px 4px 4px 4px rgb(137, 48,  
254) }
```


Background

The CSS property to change the background color of an element to XYZ 29.2629, 14.5880, 95.0394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 48, 254) }
```

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

```
.background{ background-color: rgb(137, 48,  
254) }
```

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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