

Converting Colors

XYZ(30.3467, 15.2687, 93.8693)

Have a look what the booklet for
XYZ(30.3467, 15.2687, 93.8693)
contains.

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Color

**XYZ(30.3718, 15.3023,
94.2814)**

Conversions

Conversions Part 1

Format	Color
Hex	9032FD
RGB	144, 50, 253
RGB Percent	56%, 20%, 99%
CMY	0.4353, 0.8039, 0.0078
CMYK	0.43, 0.80, 0.00, 0.01
HSL	268°, 98%, 59%
HSV	268°, 80%, 99%
XYZ	30.3718, 15.3023, 94.2814
YIQ	101.2480, -9.1390, 83.0610

Conversions

Conversions Part 2

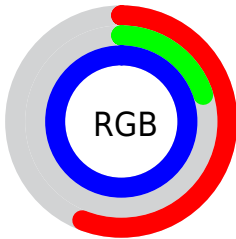
Format	Color
RYB	144, 50, 253
Decimal	9450237
CIELab	46.05, 74.40, -83.65
CIELCh	46, 111.948, 311.648
Yxy	15.3023, 0.2170, 0.1093
Android (android.graphics.Color)	4287640317 (0xFF9032FD)
YUV	101.2480, 74.8137, 37.4935
Hunter-Lab	39.1182, 70.1328, -115.5163

Details

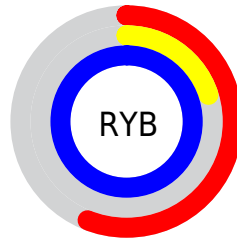
The XYZ color **30.3718, 15.3023, 94.2814** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **49.9982, 77.8515, 15.4092**, and the grayscale version is **12.2488, 12.8867, 14.0336**.

A 20% lighter version of the original color is **48.8662, 31.0669, 98.0287**, and **13.1586, 5.6456, 52.0259** is the 20% darker color. If you saturate the color by 10%, you get **27.3415, 12.5535, 93.9109**, and if you desaturate by 10%, it is **34.2859, 19.3922, 94.8649**.

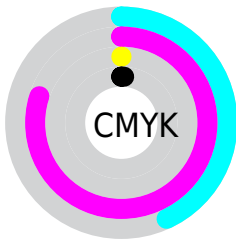
Distribution



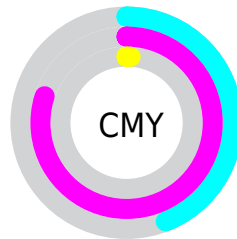
- Red (56%)
- Green (20%)
- Blue (99%)



- Red (56%)
- Yellow (20%)
- Blue (99%)



- Cyan (43%)
- Magenta (80%)
- Yellow (0%)
- Black (1%)





- Cyan (44%)
- Magenta (80%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3718, 15.3023, 94.2814 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 30.3718, 15.3023, 94.2814 by changing the saturation by 10% instead.

 30.3718, 15.3023,
94.2814


 30.3718, 15.3023,
94.2814

295.5125,
225.1887, 562.7874


 20.2704, 9.0318,
70.9434


 59.6323, 35.3826,
155.2585


 12.7012, 4.7619,
51.8145


 79.5221, 49.9613,
193.7347


 7.2987, 2.1083,
36.4760


 103.4054, 68.0781,
238.0941

 3.6976, 0.6693,
24.5095

 131.6476, 90.1175,
288.7552

 1.5325, 0.0000,
15.4963

 164.6141,
116.4639, 346.1365

 0.3478, 0.0000,
9.0179

 202.6702,

 0.0000, 0.0000,

147.5016, 410.6566

4.6559

246.1812,
183.6151, 482.7340

■ 0.0000, 0.0000,
1.9916

■ 0.0000, 0.0000,
0.5501

■ 30.3718, 15.3023,
94.2814

■ 30.3718, 15.3023,
94.2814

■ 27.3415, 12.5535,
93.9109

■ 34.2859, 19.3922,
94.8649

■ 25.0872, 10.8848,
93.7076

■ 39.1769, 24.9990,
95.6893

■ 45.1267, 32.2719,
96.7796

■ 52.2072, 41.3415,
98.1570

60.4830, 52.3247,
99.8408

70.0136, 65.3284,
101.8484

80.8542, 80.4515,
104.1961

93.0565, 97.7861,
106.8989

94.7297, 99.8719,
107.2133

Harmonies

Analogous

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



18.5524, 15.3023, 138.3417



30.3718, 15.3023, 94.2814



39.6799, 15.3023, 39.1537

Triad

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



30.3718, 15.3023, 94.2814



21.0863, 15.3023, 0.0000



2.9875, 15.3023, 29.6112

Complementary

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



30.3718, 15.3023, 94.2814



49.9982, 77.8515, 15.4092

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.



3.1841, 15.3023, 5.0226



30.3718, 15.3023, 94.2814



11.1596, 15.3023, 0.0000

Square

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



30.3718, 15.3023, 94.2814



32.9066, 15.3023, 0.3491



5.4699, 15.3023, 0.0000



4.7202, 15.3023, 81.2027

Rectangle

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



30.3718, 15.3023, 94.2814



41.5062, 15.3023, 15.2020



5.4699, 15.3023, 0.0000



2.8610, 15.3023, 18.2117

Sweetspot

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



30.3727, 15.3027, 94.2818



67.4645, 61.2664, 102.8776



31.9038, 33.4874, 97.7111



13.7056, 12.1127, 21.8656



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.



30.3727, 15.3027, 94.2818



26.4097, 11.6939, 95.4729



55.7808, 28.4011, 95.4709



17.8025, 17.7899, 22.7455



13.5096, 5.8749, 49.8565



1.4399, 0.6362, 4.8602

Inverse Universe

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



47.9063, 25.6669, 35.2278



46.2061, 23.4236, 27.5349



37.5736, 71.4465, 14.8277



18.4172, 18.1502, 20.8139



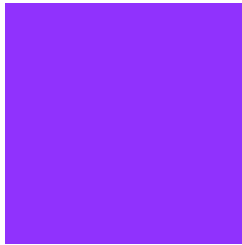
23.9812, 12.0818, 13.8176



2.3902, 1.1984, 1.6361

Previews

White Background



This preview shows how the XYZ color 30.3718, 15.3023, 94.2814 looks on a white background.

Color Contrast Check

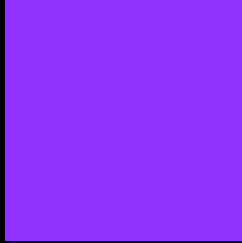
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3718, 15.3023, 94.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

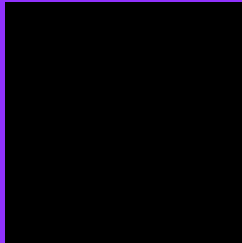
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.3718, 15.3023, 94.2814

Background



This preview shows how black text looks on a background with the XYZ color 30.3718, 15.3023, 94.2814.



This preview shows how white text looks on a background with the XYZ color 30.3718, 15.3023,

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

30.3718, 15.3023, 94.2814

Protanopia

18.1027, 15.3236, 70.4102

Deuteranopia

15.1981, 15.3499, 51.4520



Tritanopia

15.0343, 15.1979, 18.3608

Trichromacy



Original Color

30.3718, 15.3023, 94.2814



Protanomaly

19.3727, 13.1103, 78.6003



Deuteranomaly

17.1262, 12.7299, 65.1728



Tritanomaly

18.4315, 13.6573, 37.2620

Monochromacy



Original Color

30.3718, 15.3023, 94.2814



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

16.3542, 12.2168, 32.9486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3718, 15.3023, 94.2814 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(144, 50, 253)` looks like.

```
.text, #text, p{  
    color:rgb(144, 50, 253)  
}
```

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(144, 50, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 50, 253) }
```

Border

The CSS property to change the border of an element to XYZ 30.3718, 15.3023, 94.2814 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(144, 50, 253) }
```


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

```
.border{ border-color:rgb(144, 50, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 50, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 50, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 50, 253);  
box-shadow:4px 4px 4px 4px rgb(144, 50,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3718, 15.3023, 94.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 50, 253) }
```

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

```
.background{ background-color: rgb(144, 50,  
253) }
```

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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