

Converting Colors

XYZ(30.3726, 15.3089, 93.4512)

Have a look what the booklet for
XYZ(30.3726, 15.3089, 93.4512)
contains.

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Color

**XYZ(30.3883, 15.3292,
93.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	9132FC
RGB	145, 50, 252
RGB Percent	57%, 20%, 99%
CMY	0.4314, 0.8039, 0.0118
CMYK	0.42, 0.80, 0.00, 0.01
HSL	268°, 97%, 59%
HSV	268°, 80%, 99%
XYZ	30.3883, 15.3292, 93.4527
YIQ	101.4330, -8.2220, 82.9620

Conversions

Conversions Part 2

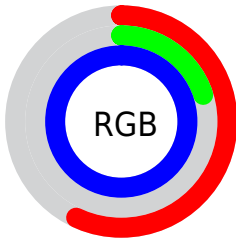
Format	Color
R_{YB}	145, 50, 252
Decimal	9515772
CIE _{Lab}	46.08, 74.30, -83.03
CIE _{LCh}	46, 111.421, 311.824
Yxy	15.3292, 0.2184, 0.1101
Android (android.graphics.Color)	4287705852 (0xFF9132FC)
YUV	101.4330, 74.2295, 38.2083
Hunter-Lab	39.1525, 70.0262, -114.1118

Details

The XYZ color **30.3883, 15.3292, 93.4527** 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 **49.2901, 77.0191, 15.2859**, and the grayscale version is **12.2977, 12.9381, 14.0896**.

A 20% lighter version of the original color is **48.8662, 31.0669, 98.0287**, and **13.1309, 5.6444, 51.4363** is the 20% darker color. If you saturate the color by 10%, you get **27.3762, 12.5929, 93.0837**, and if you desaturate by 10%, it is **34.2704, 19.3925, 94.0328**.

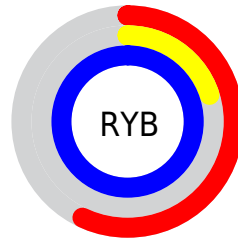
Distribution



Red (57%)

Green (20%)

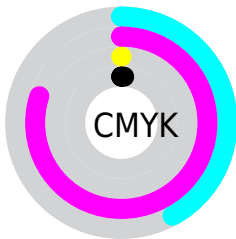
Blue (99%)



Red (57%)

Yellow (20%)

Blue (99%)

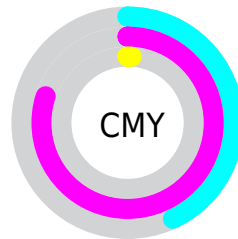


Cyan (42%)

Magenta (80%)

Yellow (0%)

Black (1%)



Cyan (43%)


Magenta (80%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3883, 15.3292, 93.4527 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 30.3883, 15.3292, 93.4527 by changing the saturation by 10% instead.


 30.3883, 15.3292,
93.4527


 30.3883, 15.3292,
93.4527


295.5877,
225.3502, 560.0568


 20.2830, 9.0508,
70.2581


 59.6581, 35.4297,
154.1023


 12.7104, 4.7743,
51.2589


 79.5534, 50.0205,
192.3944


 7.3051, 2.1155,
36.0365


 103.4428, 68.1509,
236.5561

 3.7016, 0.6733,
24.1725

 131.6915, 90.2052,
287.0059

 1.5348, 0.0000,
15.2482

 164.6650,
116.5679, 344.1623

 0.3493, 0.0000,
8.8452

 202.7286,

 0.0000, 0.0000,

147.6234, 408.4439

4.5449

246.2478,
183.7560, 480.2692

■ 0.0000, 0.0000,
1.9288

■ 0.0000, 0.0000,
0.5110

■ 30.3883, 15.3292,
93.4527

■ 30.3883, 15.3292,
93.4527

■ 27.3762, 12.5929,
93.0837

■ 34.2704, 19.3925,
94.0328

■ 25.1129, 10.9164,
92.8794

■ 39.1140, 24.9563,
94.8514

■ 44.9998, 32.1682,
95.9332

■ 51.9986, 41.1569,
97.2993

60.1739, 52.0381,
98.9687

69.5843, 64.9174,
100.9587

80.2840, 79.8924,
103.2852

92.3241, 97.0542,
105.9632

94.5708, 99.8083,
106.3764

Harmonies

Analogous

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



18.6266, 15.3292, 137.3400



30.3883, 15.3292, 93.4527



39.6045, 15.3292, 38.8002

Triad

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



30.3883, 15.3292, 93.4527



21.0163, 15.3292, 0.0000



3.0299, 15.3292, 29.8119

Complementary

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



30.3883, 15.3292, 93.4527



49.2901, 77.0191, 15.2859

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.



3.2168, 15.3292, 5.1400



30.3883, 15.3292, 93.4527



11.1497, 15.3292, 0.0000

Square

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



30.3883, 15.3292, 93.4527



32.7757, 15.3292, 0.3601



5.4913, 15.3292, 0.0000



4.7805, 15.3292, 81.1596

Rectangle

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



30.3883, 15.3292, 93.4527



41.3811, 15.3292, 15.0858



5.4913, 15.3292, 0.0000



2.8995, 15.3292, 18.4060

Sweetspot

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



30.3892, 15.3296, 93.4531



67.6005, 61.3365, 102.8839



31.0676, 32.0693, 96.6484



13.7381, 12.1294, 21.8671



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.



30.3892, 15.3296, 93.4531



26.6670, 11.8266, 95.4850



56.4608, 28.7701, 94.6732



17.0593, 17.0432, 21.7758



13.2485, 5.7726, 48.3895



1.3483, 0.5971, 4.4874

Inverse Universe

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



47.3711, 25.4109, 34.3045



46.0745, 23.3709, 26.8418



37.0584, 70.7134, 14.7135



17.6288, 17.3789, 19.9012



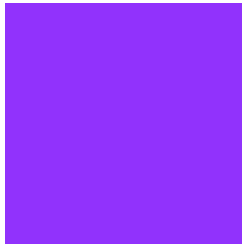
23.2098, 11.6996, 13.0791



2.2032, 1.1050, 1.4935

Previews

White Background



This preview shows how the XYZ color 30.3883, 15.3292, 93.4527 looks on a white background.

Color Contrast Check

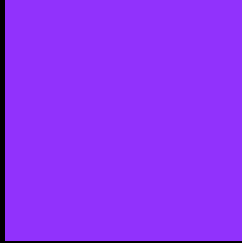
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3883, 15.3292, 93.4527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

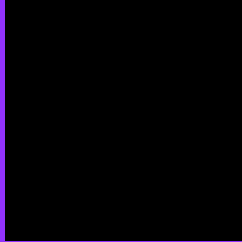
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.3883, 15.3292, 93.4527

Background



This preview shows how black text looks on a background with the XYZ color 30.3883, 15.3292, 93.4527.



This preview shows how white text looks on a background with the XYZ color 30.3883, 15.3292,

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

30.3883, 15.3292, 93.4527

Protanopia

18.2364, 15.3771, 71.1142

Deuteranopia

15.1981, 15.3499, 51.4520



Tritanopia

15.1880, 15.1233, 18.3382

Trichromacy



Original Color

30.3883, 15.3292, 93.4527



Protanomaly

19.4247, 13.1371, 78.6027



Deuteranomaly

17.0508, 12.7057, 64.5046



Tritanomaly

18.5768, 13.7322, 37.2688

Monochromacy



Original Color

30.3883, 15.3292, 93.4527



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 30.3883, 15.3292, 93.4527 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(145, 50, 252)` looks like.

```
.text, #text, p{  
    color:rgb(145, 50, 252)  
}
```

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(145, 50, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 50, 252) }
```

Border

The CSS property to change the border of an element to XYZ 30.3883, 15.3292, 93.4527 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(145, 50, 252) }
```


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

```
.border{ border-color:rgb(145, 50, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 50, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 50, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 50, 252);  
box-shadow:4px 4px 4px 4px rgb(145, 50,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3883, 15.3292, 93.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 50, 252) }
```

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

```
.background{ background-color: rgb(145, 50,  
252) }
```

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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