

Converting Colors

XYZ(30.5922, 15.3638, 95.9609)

Have a look what the booklet for
XYZ(30.5922, 15.3638, 95.9609)
contains.

XYZ(30.5183, 15.3408, 95.9603)	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(30.5183, 15.3408,
95.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	8F32FF
RGB	143, 50, 255
RGB Percent	56%, 20%, 100%
CMY	0.4392, 0.8039, 0.0000
CMYK	0.44, 0.80, 0.00, 0.00
HSL	267°, 100%, 60%
HSV	267°, 80%, 100%
XYZ	30.5183, 15.3408, 95.9603
YIQ	101.1770, -10.3770, 83.4710

Conversions

Conversions Part 2

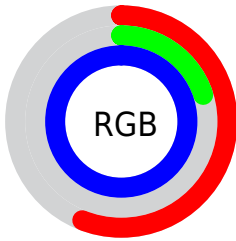
Format	Color
R_{YB}	143, 50, 255
Decimal	9384703
CIE _{Lab}	46.10, 74.72, -84.69
CIE _{LCh}	46, 112.939, 311.422
Yxy	15.3408, 0.2152, 0.1082
Android (android.graphics.Color)	4287574783 (0xFF8F32FF)
YUV	101.1770, 75.8347, 36.6788
Hunter-Lab	39.1673, 70.5403, -117.8439

Details

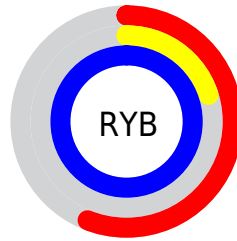
The XYZ color **30.5183, 15.3408, 95.9603** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **51.2347, 79.4310, 15.6488**, and the grayscale version is **12.2282, 12.8650, 14.0100**.

A 20% lighter version of the original color is **48.5894, 30.9243, 98.0158**, and **13.2199, 5.6509, 53.2173** is the 20% darker color. If you saturate the color by 10%, you get **27.4516, 12.5670, 95.5865**, and if you desaturate by 10%, it is **34.4922, 19.4817, 96.5502**.

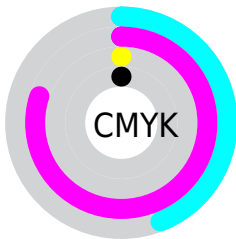
Distribution



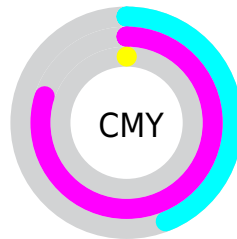
- Red (56%)
- Green (20%)
- Blue (100%)



- Red (56%)
- Yellow (20%)
- Blue (100%)



- Cyan (44%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5183, 15.3408, 95.9603 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 30.5183, 15.3408, 95.9603 by changing the saturation by 10% instead.

 30.5183, 15.3408,
95.9603


 30.5183, 15.3408,
95.9603


296.1796,
225.4198, 568.2974

 20.3823, 9.0589,
72.3332


 59.8619, 35.4499,
157.5976

 12.7832, 4.7796,
52.9424


 79.8003, 50.0460,
196.4449

 7.3554, 2.1186,
37.3694

 103.7368, 68.1822,
241.2026

 3.7336, 0.6750,
25.1956

 132.0369, 90.2430,
292.2894

 1.5526, 0.0000,
16.0025

 165.0658,
116.6128, 350.1237

 0.3612, 0.0000,
9.3715

 203.1890,

 0.0000, 0.0000,

147.6759, 415.1241

4.8842

246.7718,
183.8168, 487.7092

■ 0.0000, 0.0000,
2.1219

■ 0.0000, 0.0000,
0.6288

■ 30.5183, 15.3408,
95.9603

■ 30.5183, 15.3408,
95.9603

■ 27.4516, 12.5670,
95.5865

■ 34.4922, 19.4817,
96.5502

■ 25.2114, 10.9118,
95.3851

■ 39.4692, 25.1701,
97.3858

■ 45.5337, 32.5588,
98.4923

■ 52.7594, 41.7811,
99.8916

■ 61.2129, 52.9570,
101.6032

■ 70.9553, 66.1957,
103.6450

■ 82.0434, 81.5983,
106.0336

■ 94.5304, 99.2592,
108.7844

■ 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.



18.5501, 15.3408, 140.5538



30.5183, 15.3408, 95.9603



40.0066, 15.3408, 39.8381

Triad

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



30.5183, 15.3408, 95.9603



21.2872, 15.3408, 0.0000



2.9403, 15.3408, 29.5107

Complementary

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



30.5183, 15.3408, 95.9603



51.2347, 79.4310, 15.6488

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.



3.1501, 15.3408, 4.8884



30.5183, 15.3408, 95.9603



11.2227, 15.3408, 0.0000

Square

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



30.5183, 15.3408, 95.9603



33.2620, 15.3408, 0.3327



5.4614, 15.3408, 0.0000



4.6580, 15.3408, 81.7604

Rectangle

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



30.5183, 15.3408, 95.9603



41.9098, 15.3408, 15.4257



5.4614, 15.3408, 0.0000



2.8183, 15.3408, 18.0500

Sweetspot

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



30.5191, 15.3412, 95.9604



67.2886, 61.1757, 102.8693



32.4181, 34.0036, 99.4625



13.6636, 12.0910, 21.8636



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.



30.5191, 15.3412, 95.9604



26.0827, 11.5254, 95.4576



56.7595, 28.8686, 97.1884



17.7858, 17.7813, 22.7447



13.3403, 5.7877, 49.8486



1.4228, 0.6274, 4.8594

Inverse Universe

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



48.9016, 26.1495, 36.6493



46.3800, 23.4931, 28.4506



38.2142, 72.7187, 15.0395



18.4246, 18.1531, 20.8529



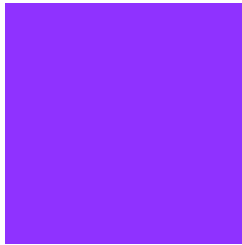
24.0721, 12.1181, 14.2958



2.3989, 1.2020, 1.6823

Previews

White Background



This preview shows how the XYZ color 30.5183, 15.3408, 95.9603 looks on a white background.

Color Contrast Check

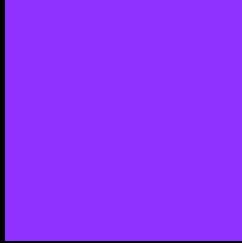
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5183, 15.3408, 95.9603 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 30.5183, 15.3408, 95.9603

Background



This preview shows how black text looks on a background with the XYZ color 30.5183, 15.3408, 95.9603.



This preview shows how white text looks on a background with the XYZ color 30.5183, 15.3408,

95.9603.

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

30.5183, 15.3408, 95.9603

Protanopia

18.2364, 15.3771, 71.1142

Deuteranopia

15.1981, 15.3499, 51.4520



Tritanopia

14.8405, 15.0913, 18.6537

Trichromacy



Original Color

30.5183, 15.3408, 95.9603



Protanomaly

19.5160, 13.1676, 79.3549



Deuteranomaly

17.1262, 12.7299, 65.1728



Tritanomaly

18.3289, 13.5832, 38.2150

Monochromacy



Original Color

30.5183, 15.3408, 95.9603



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

16.3056, 12.1819, 33.3902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5183, 15.3408, 95.9603 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(143, 50, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 50, 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(143, 50, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 50, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.5183, 15.3408, 95.9603 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(143, 50, 255) }
```


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

```
.border{ border-color:rgb(143, 50, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 50, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 50, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 50, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 50,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5183, 15.3408, 95.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 50, 255) }
```

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

```
.background{ background-color: rgb(143, 50,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor