

Converting Colors

XYZ(26.3525, 11.8849, 95.5128)

Have a look what the booklet for
XYZ(26.3525, 11.8849, 95.5128)
contains.

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Color

**XYZ(26.3442, 11.8939,
95.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	7A15FF
RGB	122, 21, 255
RGB Percent	48%, 8%, 100%
CMY	0.5215, 0.9177, 0.0000
CMYK	0.52, 0.92, 0.00, 0.00
HSL	266°, 100%, 54%
HSV	266°, 92%, 100%
XYZ	26.3442, 11.8939, 95.5150
YIQ	77.8750, -14.9180, 94.1860

Conversions

Conversions Part 2

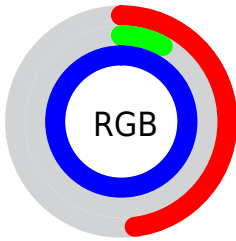
Format	Color
R_{YB}	122, 21, 255
Decimal	8001023
CIE _{Lab}	41.05, 80.11, -93.10
CIE _{LCh}	41, 122.820, 310.711
Yxy	11.8939, 0.1970, 0.0889
Android (android.graphics.Color)	4286191103 (0xFF7A15FF)
YUV	77.8750, 87.3226, 38.6976
Hunter-Lab	34.4875, 75.9987, -140.0654

Details

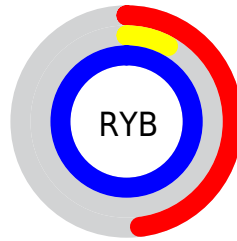
The XYZ color **26.3442, 11.8939, 95.5150** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **49.2192, 78.4429, 13.2560**, and the grayscale version is **7.0610, 7.4288, 8.0899**.

A 20% lighter version of the original color is **41.8721, 24.8039, 97.1885**, and **11.2048, 4.6121, 53.1230** is the 20% darker color. If you saturate the color by 10%, you get **24.4898, 10.5398, 95.3514**, and if you desaturate by 10%, it is **29.2809, 14.4888, 95.8611**.

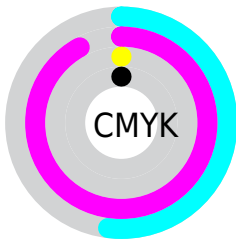
Distribution



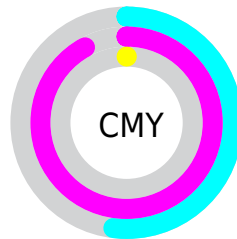
- Red (48%)
- Green (8%)
- Blue (100%)



- Red (48%)
- Yellow (8%)
- Blue (100%)



- Cyan (52%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3442, 11.8939, 95.5150 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 26.3442, 11.8939, 95.5150 by changing the saturation by 10% instead.

 26.3442, 11.8939,
95.5150


 26.3442, 11.8939,
95.5150


276.6935,
203.7016, 566.8388


 17.2153, 6.6715,
71.9644

 53.2571, 29.3017,
156.9776

 10.4844, 3.2575,
52.6430


 71.7718, 42.2559,
195.7267


 5.7860, 1.2676,
37.1321


 94.1458, 58.5561,
240.3791

 2.7548, 0.1159,
25.0132

 120.7446, 78.5868,
291.3533

 1.0255, 0.0000,
15.8678

 151.9333,
102.7323, 349.0678

 0.0000, 0.0000,
9.2773

 188.0775,

 0.0000, 0.0000,

131.3770, 413.9412

4.8232

229.5424,
164.9053, 486.3920

■ 0.0000, 0.0000,
2.0870

■ 0.0000, 0.0000,
0.6080

■ 26.3442, 11.8939,
95.5150

■ 26.3442, 11.8939,
95.5150

■ 24.4898, 10.5398,
95.3514

■ 29.2809, 14.4888,
95.8611

■ 33.1278, 18.4323,
96.4195

■ 37.9883, 23.9121,
97.2210

■ 43.9490, 31.0847,
98.2913

■ 51.0861, 40.0863,
99.6526

■ 59.4683, 51.0391,
101.3250

■ 69.1585, 64.0543,
103.3264

■ 80.2152, 79.2346,
105.6737

■ 92.6930, 96.6756,
108.3826

Harmonies

Analogous

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



14.7545, 11.8939, 143.0280



26.3442, 11.8939, 95.5150



36.0162, 11.8939, 36.4955

Triad

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



26.3442, 11.8939, 95.5150



17.8746, 11.8939, 0.0000



1.4927, 11.8939, 24.2217

Complementary

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



26.3442, 11.8939, 95.5150



49.2192, 78.4429, 13.2560

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.



1.6693, 11.8939, 2.6262



26.3442, 11.8939, 95.5150



8.4396, 11.8939, 0.0000

Square

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



26.3442, 11.8939, 95.5150



29.6204, 11.8939, 0.0000



3.4646, 11.8939, 0.0000



2.7124, 11.8939, 77.3631

Rectangle

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



26.3442, 11.8939, 95.5150



38.1116, 11.8939, 12.3576



3.4646, 11.8939, 0.0000



1.4178, 11.8939, 13.5620

Sweetspot

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



26.3450, 11.8941, 95.5150



62.9621, 55.6946, 102.0394



30.5004, 31.6619, 99.1116



12.6232, 10.7848, 21.6663



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.



26.3450, 11.8941, 95.5150



24.4898, 10.5398, 95.3514



52.7441, 25.5034, 96.7505



17.7467, 17.7611, 22.7428



12.9598, 5.5915, 49.8308



1.3841, 0.6075, 4.8576

Inverse Universe

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



47.3397, 24.1287, 32.7284



46.3450, 23.3020, 28.8128



36.7897, 72.0352, 12.6743



18.4419, 18.1601, 20.9444



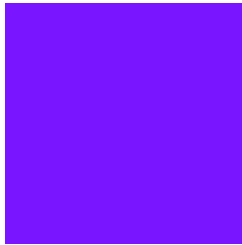
24.2926, 12.2063, 15.4574



2.4201, 1.2104, 1.7937

Previews

White Background



This preview shows how the XYZ color 26.3442, 11.8939, 95.5150 looks on a white background.

Color Contrast Check

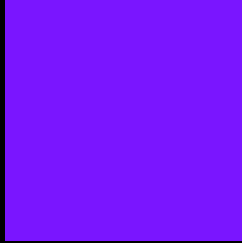
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3442, 11.8939, 95.5150 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 26.3442, 11.8939, 95.5150

Background



This preview shows how black text looks on a background with the XYZ color 26.3442, 11.8939, 95.5150.



This preview shows how white text looks on a background with the XYZ color 26.3442, 11.8939,

95.5150.

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

26.3442, 11.8939, 95.5150

Protanopia

14.0807, 12.0366, 54.4045

Deuteranopia

11.6251, 11.9415, 38.7380



Tritanopia

10.4746, 11.9893, 16.2301

Trichromacy



Original Color

26.3442, 11.8939, 95.5150



Protanomaly

15.7008, 9.6117, 67.3574



Deuteranomaly

13.7173, 9.2121, 55.6987



Tritanomaly

13.3532, 9.5705, 35.3259

Monochromacy



Original Color

26.3442, 11.8939, 95.5150



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

10.9617, 7.2589, 26.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3442, 11.8939, 95.5150 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(122, 21, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 21, 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(122, 21, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 21, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.3442, 11.8939, 95.5150 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(122, 21, 255) }
```


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

```
.border{ border-color:rgb(122, 21, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 21, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 21, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 21, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 21,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3442, 11.8939, 95.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 21, 255) }
```

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

```
.background{ background-color: rgb(122, 21,  
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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