

Converting Colors

XYZ(25.9764, 11.9382, 95.5429)

Have a look what the booklet for
XYZ(25.9764, 11.9382, 95.5429)
contains.

XYZ(25.9365, 11.9021, 95.5381)	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(25.9365, 11.9021,
95.5381)**

Conversions

Conversions Part 1

Format	Color
Hex	761CFF
RGB	118, 28, 255
RGB Percent	46%, 11%, 100%
CMY	0.5372, 0.8902, 0.0000
CMYK	0.54, 0.89, 0.00, 0.00
HSL	264°, 100%, 55%
HSV	264°, 89%, 100%
XYZ	25.9365, 11.9021, 95.5381
YIQ	80.7880, -19.2270, 89.6770

Conversions

Conversions Part 2

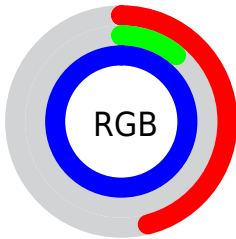
Format	Color
R _Y B	118, 28, 255
Decimal	7740671
CIE Lab	41.06, 78.36, -93.09
CIE LCh	41, 121.682, 310.090
Yxy	11.9021, 0.1945, 0.0892
Android (android.graphics.Color)	4285930751 (0xFF761CFF)
YUV	80.7880, 85.8865, 32.6349
Hunter-Lab	34.4994, 73.8215, -140.0402

Details

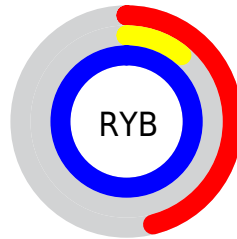
The XYZ color **25.9365, 11.9021, 95.5381** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **51.4842, 79.6019, 13.7495**, and the grayscale version is **7.6189, 8.0157, 8.7291**.

A 20% lighter version of the original color is **41.3195, 24.7695, 97.2109**, and **10.9147, 4.4626, 53.1094** is the 20% darker color. If you saturate the color by 10%, you get **23.6269, 10.1352, 95.3188**, and if you desaturate by 10%, it is **29.0812, 14.8304, 95.9375**.

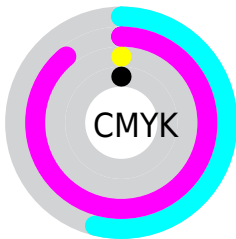
Distribution



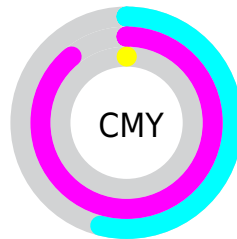
- Red (46%)
- Green (11%)
- Blue (100%)



- Red (46%)
- Yellow (11%)
- Blue (100%)



- Cyan (54%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9365, 11.9021, 95.5381 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 25.9365, 11.9021, 95.5381 by changing the saturation by 10% instead.

 25.9365, 11.9021,
95.5381

 25.9365, 11.9021,
95.5381


274.7326,
203.7561, 566.9145


 16.9086, 6.6770,
71.9836


 52.6045, 29.3167,
157.0098


 10.2642, 3.2610,
52.6585


 70.9753, 42.2750,
195.7640


 5.6381, 1.2694,
37.1444


 93.1911, 58.5798,
240.4218

 2.6649, 0.1174,
25.0226

 119.6173, 78.6156,
291.4018

 0.9791, 0.0000,
15.8747

 150.6192,
102.7668, 349.1226

 0.0000, 0.0000,
9.2822

 186.5621,

 0.0000, 0.0000,

131.4176, 414.0026

4.8264

227.8115,
164.9526, 486.4604

■ 0.0000, 0.0000,
2.0888

■ 0.0000, 0.0000,
0.6091

■ 25.9365, 11.9021,
95.5381

■ 25.9365, 11.9021,
95.5381

■ 23.6269, 10.1352,
95.3188

■ 29.0812, 14.8304,
95.9375

■ 23.4294, 9.9932,
95.3018

■ 33.2007, 19.1806,
96.5601

■ 38.3959, 25.1316,
97.4349

■ 44.7526, 32.8348,
98.5868

■ 52.3469, 42.4234,
100.0373

■ 61.2480, 54.0174,
101.8060

■ 71.5196, 67.7264,
103.9107

■ 83.2209, 83.6520,
106.3680

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.



14.5165, 11.9021, 141.3556



25.9365, 11.9021, 95.5381



35.5819, 11.9021, 37.2013

Triad

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



25.9365, 11.9021, 95.5381



18.0480, 11.9021, 0.0000



1.5264, 11.9021, 23.3411

Complementary

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



25.9365, 11.9021, 95.5381



51.4842, 79.6019, 13.7495

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.



1.7306, 11.9021, 2.5127



25.9365, 11.9021, 95.5381



8.6186, 11.9021, 0.0000

Square

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



25.9365, 11.9021, 95.5381



29.6333, 11.9021, 0.0000



3.5789, 11.9021, 0.0000



2.7157, 11.9021, 75.1422

Rectangle

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



25.9365, 11.9021, 95.5381



37.7801, 11.9021, 12.8841



3.5789, 11.9021, 0.0000



1.4591, 11.9021, 13.0349

Sweetspot

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



25.9373, 11.9023, 95.5381



63.2119, 56.6146, 102.2038



32.5280, 35.4653, 99.7388



12.8269, 11.1896, 21.7337



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.



25.9373, 11.9023, 95.5381



23.4294, 9.9932, 95.3018



50.6240, 24.6288, 96.6934



17.6845, 17.7291, 22.7399



12.3988, 5.3023, 49.8045



1.3261, 0.5775, 4.8549

Inverse Universe

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



48.4456, 24.8065, 37.8267



47.0634, 23.5894, 32.5957



37.5167, 72.4014, 13.0959



18.4698, 18.1712, 21.0910



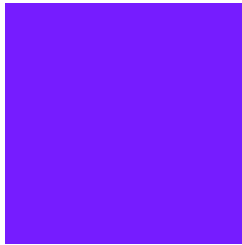
24.6673, 12.3562, 17.4303



2.4556, 1.2246, 1.9809

Previews

White Background



This preview shows how the XYZ color 25.9365, 11.9021, 95.5381 looks on a white background.

Color Contrast Check

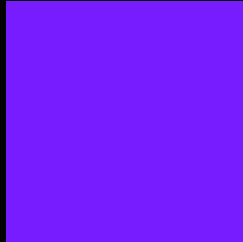
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9365, 11.9021, 95.5381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

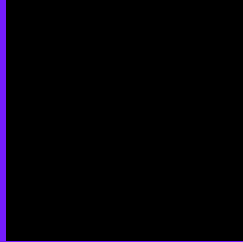
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9365, 11.9021, 95.5381

Background



This preview shows how black text looks on a background with the XYZ color 25.9365, 11.9021, 95.5381.



This preview shows how white text looks on a background with the XYZ color 25.9365, 11.9021,

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

25.9365, 11.9021, 95.5381

Protanopia

13.8782, 11.8142, 53.7735

Deuteranopia

11.6251, 11.9415, 38.7380



Tritanopia

10.1644, 11.9681, 16.5262

Trichromacy



Original Color

25.9365, 11.9021, 95.5381

Protanomaly

15.6488, 9.7796, 66.7085

Deuteranomaly

13.8704, 9.5813, 55.7619

Tritanomaly

13.1514, 9.7512, 35.8393

Monochromacy



Original Color

25.9365, 11.9021, 95.5381

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

11.3728, 7.8385, 27.2991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9365, 11.9021, 95.5381 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(118, 28, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 28, 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(118, 28, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 28, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.9365, 11.9021, 95.5381 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(118, 28, 255) }
```


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

```
.border{ border-color:rgb(118, 28, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 28, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 28, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 28, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 28,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9365, 11.9021, 95.5381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 28, 255) }
```

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

```
.background{ background-color: rgb(118, 28,  
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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