

Converting Colors

XYZ(24.9831, 11.3274, 95.4774)

Have a look what the booklet for
XYZ(24.9831, 11.3274, 95.4774)
contains.

XYZ(24.9749, 11.3383, 95.4799)	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(24.9749, 11.3383,
95.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1AFF
RGB	111, 26, 255
RGB Percent	44%, 10%, 100%
CMY	0.5647, 0.8981, 0.0000
CMYK	0.56, 0.90, 0.00, 0.00
HSL	262°, 100%, 55%
HSV	262°, 90%, 100%
XYZ	24.9749, 11.3383, 95.4799
YIQ	77.5210, -22.8490, 89.2390

Conversions

Conversions Part 2

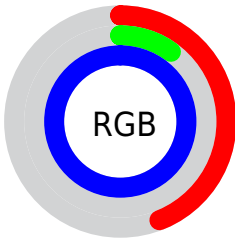
Format	Color
R _Y B	111, 26, 255
Decimal	7281407
CIE Lab	40.14, 78.25, -94.63
CIE LCh	40, 122.793, 309.587
Yxy	11.3383, 0.1895, 0.0860
Android (android.graphics.Color)	4285471487 (0xFF6F1AFF)
YUV	77.5210, 87.4971, 29.3611
Hunter-Lab	33.6724, 73.4672, -144.5493

Details

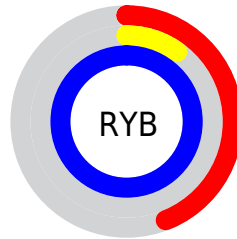
The XYZ color **24.9749, 11.3383, 95.4799** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **52.5212, 80.1392, 13.6772**, and the grayscale version is **6.9962, 7.3606, 8.0157**.

A 20% lighter version of the original color is **39.7538, 23.7119, 97.0893**, and **10.3665, 4.1799, 53.0838** is the 20% darker color. If you saturate the color by 10%, you get **22.7719, 9.6622, 95.2725**, and if you desaturate by 10%, it is **28.0140, 14.1462, 95.8617**.

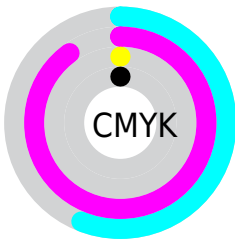
Distribution



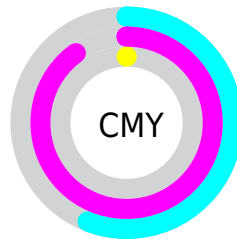
- Red (44%)
- Green (10%)
- Blue (100%)



- Red (44%)
- Yellow (10%)
- Blue (100%)



- Cyan (56%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9749, 11.3383, 95.4799 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 24.9749, 11.3383, 95.4799 by changing the saturation by 10% instead.


 24.9749, 11.3383,
95.4799


 24.9749, 11.3383,
95.4799

270.0629,
199.9740, 566.7237


 16.1870, 6.2949,
71.9354


 51.0597, 28.2841,
156.9287


 9.7483, 3.0252,
52.6194


 69.0873, 40.9552,
195.6701


 5.2933, 1.1449,
37.1134


 90.9255, 56.9376,
240.3141

 2.4569, 0.0160,
24.9988

 116.9396, 76.6159,
291.2794

 0.8736, 0.0000,
15.8571

 147.4951,
100.3742, 348.9845

 0.0000, 0.0000,
9.2699

 182.9572,

 0.0000, 0.0000,

128.5971, 413.8479

4.8184

223.6913,
161.6689, 486.2881

■ 0.0000, 0.0000,
2.0842

■ 0.0000, 0.0000,
0.6064

■ 24.9749, 11.3383,
95.4799

■ 24.9749, 11.3383,
95.4799

■ 22.7719, 9.6622,
95.2725

■ 28.0140, 14.1462,
95.8617

■ 22.7343, 9.6348,
95.2692

■ 32.0440, 18.3732,
96.4652

■ 37.1696, 24.2021,
97.3202

■ 43.4795, 31.7872,
98.4517

■ 51.0523, 41.2637,
99.8817

■ 59.9596, 52.7534,
101.6300

■ 70.2669, 66.3676,
103.7145

■ 82.0354, 82.2093,
106.1520

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.



13.7462, 11.3383, 140.7710



24.9749, 11.3383, 95.4799



34.6210, 11.3383, 37.0505

Triad

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



24.9749, 11.3383, 95.4799



17.5706, 11.3383, 0.0000



1.3445, 11.3383, 21.9396

Complementary

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



24.9749, 11.3383, 95.4799



52.5212, 80.1392, 13.6772

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.



1.5546, 11.3383, 2.1399



24.9749, 11.3383, 95.4799



8.2690, 11.3383, 0.0000

Square

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



24.9749, 11.3383, 95.4799



29.0067, 11.3383, 0.0000



3.3388, 11.3383, 0.0000



2.4337, 11.3383, 73.0064

Rectangle

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



24.9749, 11.3383, 95.4799



36.9116, 11.3383, 12.6871



3.3388, 11.3383, 0.0000



1.2882, 11.3383, 12.0101

Sweetspot

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



24.9757, 11.3385, 95.4799



62.7080, 56.3549, 102.1802



33.0447, 36.5771, 99.9262



12.7094, 11.1291, 21.7282



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.



24.9757, 11.3385, 95.4799



22.7343, 9.6348, 95.2692



49.3043, 23.8804, 96.6185



17.6399, 17.7061, 22.7378



12.0298, 5.1121, 49.7873



1.2871, 0.5574, 4.8530

Inverse Universe

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



48.8638, 24.9003, 40.2548



47.6148, 23.8099, 35.4990



37.6070, 72.4506, 12.9792



18.4899, 18.1793, 21.1969



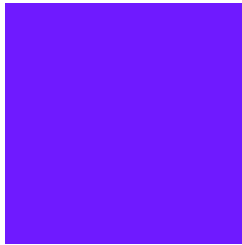
24.9543, 12.4710, 18.9419



2.4826, 1.2354, 2.1226

Previews

White Background



This preview shows how the XYZ color 24.9749, 11.3383, 95.4799 looks on a white background.

Color Contrast Check

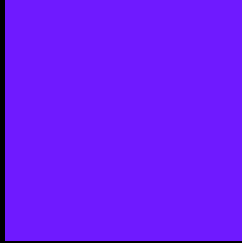
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9749, 11.3383, 95.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

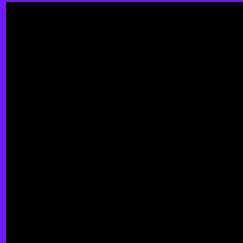
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.9749, 11.3383, 95.4799

Background



This preview shows how black text looks on a background with the XYZ color 24.9749, 11.3383, 95.4799.



This preview shows how white text looks on a background with the XYZ color 24.9749, 11.3383,

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

24.9749, 11.3383, 95.4799

Protanopia

13.2555, 11.2879, 51.3493

Deuteranopia

10.8856, 11.1937, 36.2372



Tritanopia

9.1013, 11.2813, 16.1658

Trichromacy



Original Color

24.9749, 11.3383, 95.4799

Protanomaly

15.1480, 9.3717, 65.3005

Deuteranomaly

13.0921, 8.9431, 53.2607

Tritanomaly

12.0309, 9.0840, 35.3017

Monochromacy



Original Color

24.9749, 11.3383, 95.4799

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

10.6629, 7.2546, 26.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9749, 11.3383, 95.4799 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(111, 26, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 26, 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(111, 26, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 26, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.9749, 11.3383, 95.4799 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(111, 26, 255) }
```


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

```
.border{ border-color:rgb(111, 26, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 26, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 26, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 26, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 26,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9749, 11.3383, 95.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 26, 255) }
```

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

```
.background{ background-color: rgb(111, 26,  
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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