

Converting Colors

XYZ(25.0686, 11.2931, 95.4663)

Have a look what the booklet for
XYZ(25.0686, 11.2931, 95.4663)
contains.

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Color

**XYZ(25.0385, 11.2775,
95.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	7017FF
RGB	112, 23, 255
RGB Percent	44%, 9%, 100%
CMY	0.5608, 0.9098, 0.0000
CMYK	0.56, 0.91, 0.00, 0.00
HSL	263°, 100%, 55%
HSV	263°, 91%, 100%
XYZ	25.0385, 11.2775, 95.4648
YIQ	76.0590, -21.4280, 91.0200

Conversions

Conversions Part 2

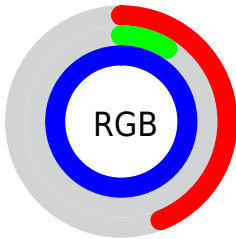
Format	Color
R _Y B	112, 23, 255
Decimal	7346175
CIE Lab	40.04, 78.95, -94.79
CIE LCh	40, 123.368, 309.791
Yxy	11.2775, 0.1900, 0.0856
Android (android.graphics.Color)	4285536255 (0xFF7017FF)
YUV	76.0590, 88.2179, 31.5203
Hunter-Lab	33.5820, 74.3199, -145.0385

Details

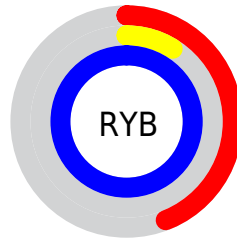
The XYZ color **25.0385, 11.2775, 95.4648** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **51.6370, 79.6871, 13.4697**, and the grayscale version is **6.7269, 7.0772, 7.7071**.

A 20% lighter version of the original color is **39.8998, 23.6644, 97.0725**, and **10.4314, 4.2134, 53.0868** is the 20% darker color. If you saturate the color by 10%, you get **23.0695, 9.8076, 95.2849**, and if you desaturate by 10%, it is **27.9877, 13.9421, 95.8237**.

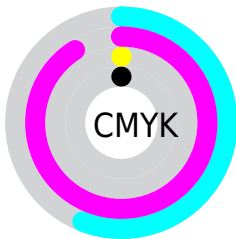
Distribution



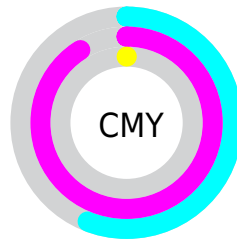
- Red (44%)
- Green (9%)
- Blue (100%)



- Red (44%)
- Yellow (9%)
- Blue (100%)



- Cyan (56%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0385, 11.2775, 95.4648 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 25.0385, 11.2775, 95.4648 by changing the saturation by 10% instead.


 25.0385, 11.2775,
95.4648


 25.0385, 11.2775,
95.4648


270.3737,
199.5616, 566.6742


 16.2346, 6.2538,
71.9229


 51.1621, 28.1722,
156.9077


 9.7822, 3.0000,
52.6092


 69.2126, 40.8120,
195.6457


 5.3160, 1.1317,
37.1053


 91.0759, 56.7592,
240.2862

 2.4705, 0.0049,
24.9926

 117.1175, 76.3984,
291.2477

 0.8804, 0.0000,
15.8526

 147.7028,
100.1138, 348.9487

 0.0000, 0.0000,
9.2667

 183.1970,

 0.0000, 0.0000,

128.2899, 413.8077

4.8163

223.9655,
161.3110, 486.2434

■ 0.0000, 0.0000,
2.0831

■ 0.0000, 0.0000,
0.6057

■ 25.0385, 11.2775,
95.4648

■ 25.0385, 11.2775,
95.4648

■ 23.0695, 9.8076,
95.2849

■ 27.9877, 13.9421,
95.8237

■ 31.9022, 17.9954,
96.3998

■ 36.8876, 23.6239,
97.2234

■ 43.0331, 30.9842,
98.3202

■ 50.4175, 40.2129,
99.7123

■ 59.1120, 51.4327,
101.4197

■ 69.1820, 64.7556,
103.4605

■ 80.6885, 80.2851,
105.8516

■ 93.6883, 98.1176,
108.6084

Harmonies

Analogous

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



13.7612, 11.2775, 141.3932



25.0385, 11.2775, 95.4648



34.6963, 11.2775, 36.7453

Triad

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



25.0385, 11.2775, 95.4648



17.4516, 11.2775, 0.0000



1.3138, 11.2775, 22.1397

Complementary

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



25.0385, 11.2775, 95.4648



51.6370, 79.6871, 13.4697

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.



1.5136, 11.2775, 2.1444



25.0385, 11.2775, 95.4648



8.1617, 11.2775, 0.0000

Square

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



25.0385, 11.2775, 95.4648



28.9370, 11.2775, 0.0000



3.2697, 11.2775, 0.0000



2.4043, 11.2775, 73.6736

Rectangle

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



25.0385, 11.2775, 95.4648



36.9556, 11.2775, 12.4515



3.2697, 11.2775, 0.0000



1.2557, 11.2775, 12.1086

Sweetspot

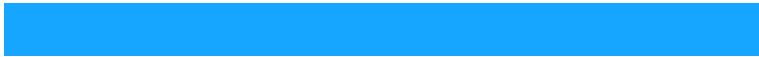
The Sweet Spot groups the original color and five complimentary colors.



25.0393, 11.2777, 95.4648



62.9554, 56.4824, 102.1918



32.0509, 34.6975, 99.6158



12.7671, 11.1588, 21.7309



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.



25.0393, 11.2777, 95.4648



23.0695, 9.8076, 95.2849



50.3297, 24.3154, 96.6484



17.6619, 17.7174, 22.7389



12.2079, 5.2039, 49.7956



1.3060, 0.5672, 4.8539

Inverse Universe

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



48.4277, 24.6250, 38.2692



47.3397, 23.6999, 34.0505



37.2329, 72.2614, 12.7956



18.4800, 18.1753, 21.1447



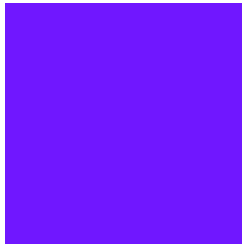
24.8112, 12.4138, 18.1881



2.4692, 1.2300, 2.0521

Previews

White Background



This preview shows how the XYZ color 25.0385, 11.2775, 95.4648 looks on a white background.

Color Contrast Check

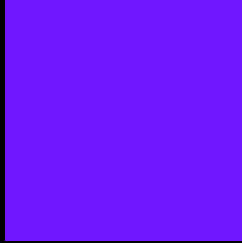
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0385, 11.2775, 95.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

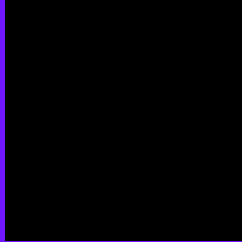
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0385, 11.2775, 95.4648

Background



This preview shows how black text looks on a background with the XYZ color 25.0385, 11.2775, 95.4648.



This preview shows how white text looks on a background with the XYZ color 25.0385, 11.2775,

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

25.0385, 11.2775, 95.4648

Protanopia

13.1451, 11.2438, 50.7677

Deuteranopia

10.8856, 11.1937, 36.2372



Tritanopia

9.2176, 11.3413, 16.1713

Trichromacy



Original Color

25.0385, 11.2775, 95.4648

Protanomaly

15.0003, 9.2229, 64.6079

Deuteranomaly

13.0684, 8.8373, 53.2415

Tritanomaly

12.0460, 8.9934, 35.2834

Monochromacy



Original Color

25.0385, 11.2775, 95.4648

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

10.3907, 6.9732, 25.9976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0385, 11.2775, 95.4648 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(112, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 23, 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(112, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 23, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.0385, 11.2775, 95.4648 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(112, 23, 255) }
```


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

```
.border{ border-color:rgb(112, 23, 255) }
```

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

Here you see how a box with a 4 pixel rgb(112, 23, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 23,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0385, 11.2775, 95.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 23, 255) }
```

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

```
.background{ background-color: rgb(112, 23,  
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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