

Converting Colors

XYZ(25.1307, 15.4141, 83.3120)

Have a look what the booklet for
XYZ(25.1307, 15.4141, 83.3120)
contains.

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Color

**XYZ(25.1307, 15.4141,
83.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	7050EF
RGB	112, 80, 239
RGB Percent	44%, 31%, 94%
CMY	0.5608, 0.6863, 0.0627
CMYK	0.53, 0.67, 0.00, 0.06
HSL	252°, 83%, 63%
HSV	252°, 67%, 94%
XYZ	25.1307, 15.4141, 83.3120
YIQ	107.6940, -31.9670, 56.2330

Conversions

Conversions Part 2

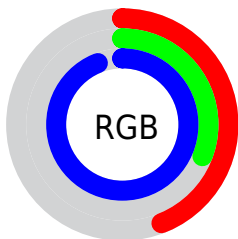
Format	Color
R_{YB}	112, 80, 239
Decimal	7360751
CIE _{Lab}	46.20, 52.83, -75.69
CIE _{LCh}	46, 92.306, 304.913
Yxy	15.4141, 0.2029, 0.1245
Android (android.graphics.Color)	4285550831 (0xFF7050EF)
YUV	107.6940, 64.7339, 3.7764
Hunter-Lab	39.2608, 45.5508, -98.3317

Details

The XYZ color **25.1307, 15.4141, 83.3120** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **58.0455, 75.5772, 19.1181**, and the grayscale version is **14.0004, 14.7296, 16.0405**.

A 20% lighter version of the original color is **43.3999, 32.3368, 98.5620**, and **9.8479, 4.8288, 44.6690** is the 20% darker color. If you saturate the color by 10%, you get **21.5048, 11.3929, 82.7273**, and if you desaturate by 10%, it is **29.8951, 20.9455, 84.1289**.

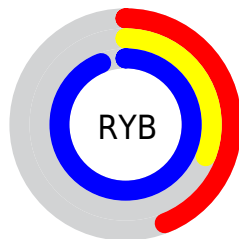
Distribution



Red (44%)

Green (31%)

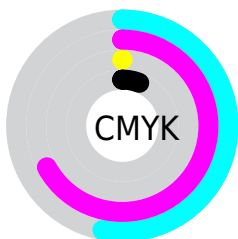
Blue (94%)



Red (44%)

Yellow (31%)

Blue (94%)

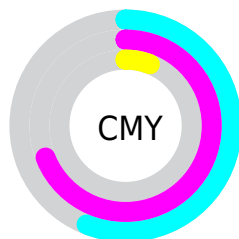


Cyan (53%)

Magenta (67%)

Yellow (0%)

Black (6%)



Cyan (56%)

Magenta (69%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1307, 15.4141, 83.3120 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 25.1307, 15.4141, 83.3120 by changing the saturation by 10% instead.

■ 25.1307, 15.4141,
83.3120

■ 25.1307, 15.4141,
83.3120

270.8239,
225.8592, 526.0240

■ 16.3037, 9.1105,
61.9055

■ 51.3105, 35.5780,
139.8655

■ 9.8315, 4.8133,
44.5210

■ 69.3941, 50.2071,
175.8495

■ 5.3488, 2.1382,
30.7401

■ 91.2939, 68.3802,
217.5298

■ 2.4902, 0.6860,
20.1442

■ 117.3753, 90.4817,
265.3249

■ 0.8903, 0.0000,
12.3148

■ 148.0036,
116.8959, 319.6533

■ 0.0000, 0.0000,
6.8333

183.5443,

■ 0.0000, 0.0000,

148.0073, 380.9336

3.2812

224.3626,
184.2003, 449.5843

■ 0.0000, 0.0000,
1.2400

■ 0.0000, 0.0000,
0.0118

■ 25.1307, 15.4141,
83.3120

■ 25.1307, 15.4141,
83.3120

■ 21.5048, 11.3929,
82.7273

■ 29.8951, 20.9455,
84.1289

■ 18.9127, 8.7249,
82.3490

■ 35.8848, 28.1199,
85.1980

■ 17.2314, 7.2170,
82.1465

■ 43.1806, 37.0567,
86.5385

■ 16.8041, 6.8630,
82.1007

■ 51.8556, 47.8638,
88.1672

61.9774, 60.6402,
90.0999

73.6088, 75.4781,
92.3508

86.8093, 92.4637,
94.9336

92.5801, 99.0120,
95.8934

Harmonies

Analogous

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



15.9853, 15.4141, 107.5838



25.1307, 15.4141, 83.3120



33.0743, 15.4141, 42.6819

Triad

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



25.1307, 15.4141, 83.3120



22.0493, 15.4141, 0.0000



4.1539, 15.4141, 20.7754

Complementary

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



25.1307, 15.4141, 83.3120



58.0455, 75.5772, 19.1181

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.



4.7747, 15.4141, 4.2980



25.1307, 15.4141, 83.3120



13.3925, 15.4141, 0.0000

Square

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



25.1307, 15.4141, 83.3120



30.8937, 15.4141, 2.1918



7.5841, 15.4141, 0.2766



5.4151, 15.4141, 55.8152

Rectangle

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



25.1307, 15.4141, 83.3120



35.4847, 15.4141, 20.9271



7.5841, 15.4141, 0.2766



4.1557, 15.4141, 13.2262

Sweetspot

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



25.1315, 15.4145, 83.3124



67.4521, 64.7419, 103.5491



41.2498, 52.6604, 89.6521



13.7292, 12.9634, 22.0285



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.



25.1315, 15.4145, 83.3124



23.6538, 11.8662, 95.6515



40.0103, 23.0848, 84.0087



15.1944, 15.3819, 19.8898



9.3712, 3.8365, 45.3745



0.8582, 0.3597, 3.7784

Inverse Universe

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



49.7274, 28.5930, 61.9266



54.5534, 28.4795, 66.1979



41.1717, 66.8785, 18.3284



16.3100, 15.9737, 19.1884



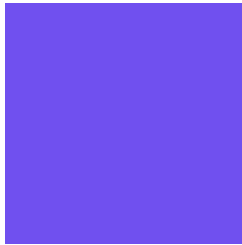
24.9100, 12.2364, 28.5062



2.1064, 1.0316, 2.5514

Previews

White Background



This preview shows how the XYZ color 25.1307, 15.4141, 83.3120 looks on a white background.

Color Contrast Check

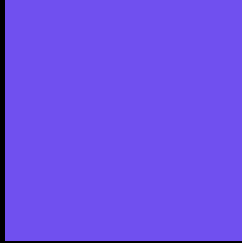
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1307, 15.4141, 83.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

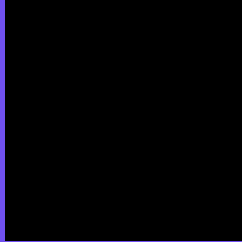
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1307, 15.4141, 83.3120

Background



This preview shows how black text looks on a background with the XYZ color 25.1307, 15.4141, 83.3120.



This preview shows how white text looks on a background with the XYZ color 25.1307, 15.4141,

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

25.1307, 15.4141, 83.3120

Protanopia

18.2364, 15.3771, 71.1142

Deuteranopia

15.3086, 15.3941, 52.0337



Tritanopia

12.7711, 15.4273, 21.7067

Trichromacy



Original Color

25.1307, 15.4141, 83.3120



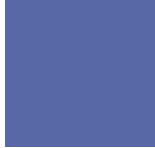
Protanomaly

19.1009, 14.4386, 75.1790



Deuteranomaly

16.9802, 14.1892, 62.1654



Tritanomaly

15.7577, 14.5284, 38.0501

Monochromacy



Original Color

25.1307, 15.4141, 83.3120



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

16.6751, 14.3869, 33.3506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1307, 15.4141, 83.3120 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, 80, 239)` looks like.

```
.text, #text, p{  
    color:rgb(112, 80, 239)  
}
```

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, 80, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 80, 239) }
```

Border

The CSS property to change the border of an element to XYZ 25.1307, 15.4141, 83.3120 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, 80, 239) }
```


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

```
.border{ border-color:rgb(112, 80, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 80, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 80, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 80, 239);  
box-shadow:4px 4px 4px 4px rgb(112, 80,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1307, 15.4141, 83.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 80, 239) }
```

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

```
.background{ background-color: rgb(112, 80,  
239) }
```

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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