

Converting Colors

XYZ(22.3367, 15.4396, 74.4522)

Have a look what the booklet for
XYZ(22.3367, 15.4396, 74.4522)
contains.

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Color

**XYZ(22.3255, 15.4611,
74.4807)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5BE3
RGB	95, 91, 227
RGB Percent	37%, 36%, 89%
CMY	0.6274, 0.6431, 0.1098
CMYK	0.58, 0.60, 0.00, 0.11
HSL	242°, 71%, 62%
HSV	242°, 60%, 89%
XYZ	22.3255, 15.4611, 74.4807
YIQ	107.7000, -41.2720, 43.1440

Conversions

Conversions Part 2

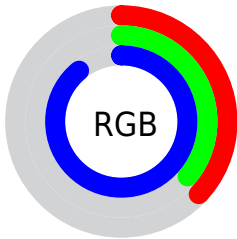
Format	Color
R_{YB}	95, 91, 227
Decimal	6249443
CIE _{Lab}	46.26, 40.14, -68.88
CIE _{LCh}	46, 79.721, 300.234
Yxy	15.4611, 0.1989, 0.1377
Android (android.graphics.Color)	4284439523 (0xFF5F5BE3)
YUV	107.7000, 58.8149, -11.1379
Hunter-Lab	39.3206, 32.5379, -84.7821

Details

The XYZ color **22.3255, 15.4611, 74.4807** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **59.7873, 71.3809, 20.5244**, and the grayscale version is **14.0199, 14.7500, 16.0628**.

A 20% lighter version of the original color is **41.4333, 33.6339, 98.9160**, and **8.3193, 4.8436, 38.5266** is the 20% darker color. If you saturate the color by 10%, you get **18.6963, 11.1322, 73.8368**, and if you desaturate by 10%, it is **27.1900, 21.2977, 75.3513**.

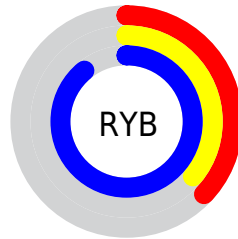
Distribution



Red (37%)

Green (36%)

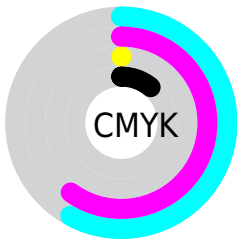
Blue (89%)



Red (37%)

Yellow (36%)

Blue (89%)

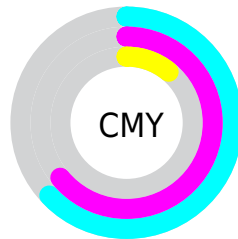


Cyan (58%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (64%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3255, 15.4611, 74.4807 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 22.3255, 15.4611, 74.4807 by changing the saturation by 10% instead.

■ 22.3255, 15.4611,
74.4807

■ 22.3255, 15.4611,
74.4807

256.8420,
226.1404, 495.3385

■ 14.2142, 9.1436,
54.6884

■ 46.7582, 35.6601,
127.3173

■ 8.3525, 4.8350,
38.7554

■ 63.8104, 50.3104,
161.1987

■ 4.3750, 2.1508,
26.2631

■ 84.5736, 68.5071,
200.6136

■ 1.9164, 0.6930,
16.7931

■ 109.4131, 90.6346,
245.9804

■ 0.5863, 0.0000,
9.9267

■ 138.6944,
117.0773, 297.7178

■ 0.0000, 0.0000,
5.2454

172.7827,

■ 0.0000, 0.0000,

148.2195, 356.2442

2.3307

212.0434,
184.4458, 421.9783

■ 0.0000, 0.0000,
0.7483

■ 0.0000, 0.0000,
0.0000

■ 22.3255, 15.4611,
74.4807

■ 22.3255, 15.4611,
74.4807

■ 18.6963, 11.1322,
73.8368

■ 27.1900, 21.2977,
75.3513

■ 16.1891, 8.1713,
73.3974

■ 33.3849, 28.7623,
76.4656

■ 14.6738, 6.4148,
73.1383

■ 40.9988, 37.9644,
77.8405

■ 13.9535, 5.5948,
73.0179

■ 50.1122, 49.0038,
79.4910

■ 13.9489, 5.5892,
73.0171

■ 60.7991, 61.9725,
81.4309

■ 73.1292, 76.9566,
83.6733

■ 87.1675, 94.0369,
86.2302

■ 90.8652, 98.3261,
86.8632

Harmonies

Analogous

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



14.7489, 15.4611, 89.0931



22.3255, 15.4611, 74.4807



29.2476, 15.4611, 43.1650

Triad

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



22.3255, 15.4611, 74.4807



22.2033, 15.4611, 0.7379



5.1041, 15.4611, 16.9882

Complementary

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



22.3255, 15.4611, 74.4807



59.7873, 71.3809, 20.5244

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.



6.0064, 15.4611, 4.2354



22.3255, 15.4611, 74.4807



14.6419, 15.4611, 0.0026

Square

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



22.3255, 15.4611, 74.4807



29.1631, 15.4611, 4.1305



9.0380, 15.4611, 0.7607



6.0359, 15.4611, 43.6640

Rectangle

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



22.3255, 15.4611, 74.4807



31.7495, 15.4611, 24.0319



9.0380, 15.4611, 0.7607



5.1984, 15.4611, 11.2401

Sweetspot

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



22.3263, 15.4615, 74.4811



67.5822, 66.6381, 103.9082



45.0330, 61.4769, 82.1662



13.6542, 13.2797, 22.0935



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.



22.3263, 15.4615, 74.4811



23.3739, 13.3473, 95.9521



32.3581, 20.6331, 74.9506



13.6219, 13.9073, 18.1108



8.1520, 3.2684, 42.5844



0.6163, 0.2487, 3.1475

Inverse Universe

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



48.7384, 29.1406, 72.8640



60.7101, 32.6941, 93.2180



43.2103, 62.8352, 19.7486



14.9758, 14.6075, 18.0730



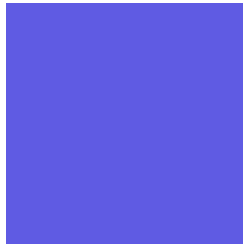
26.0413, 12.5507, 40.7080



1.9302, 0.9298, 3.0388

Previews

White Background



This preview shows how the XYZ color 22.3255, 15.4611, 74.4807 looks on a white background.

Color Contrast Check

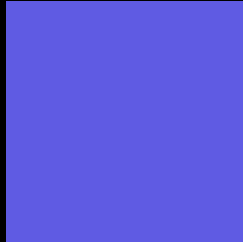
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3255, 15.4611, 74.4807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

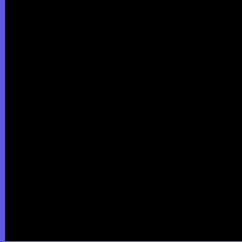
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.3255, 15.4611, 74.4807

Background



This preview shows how black text looks on a background with the XYZ color 22.3255, 15.4611, 74.4807.



This preview shows how white text looks on a background with the XYZ color 22.3255, 15.4611,

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

22.3255, 15.4611, 74.4807

Protanopia

18.3709, 15.4309, 71.8222

Deuteranopia

15.4198, 15.4386, 52.6193



Tritanopia

11.8960, 15.2996, 22.7482

Trichromacy



Original Color

22.3255, 15.4611, 74.4807



Protanomaly

18.7049, 14.8535, 72.4022



Deuteranomaly

16.6629, 14.6657, 59.7101



Tritanomaly

14.5176, 14.6707, 37.1885

Monochromacy



Original Color

22.3255, 15.4611, 74.4807



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

15.9308, 14.6207, 31.2606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3255, 15.4611, 74.4807 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(95, 91, 227)` looks like.

```
.text, #text, p{  
    color:rgb(95, 91, 227)  
}
```

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(95, 91, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 91, 227) }
```

Border

The CSS property to change the border of an element to XYZ 22.3255, 15.4611, 74.4807 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(95, 91, 227) }
```


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

```
.border{ border-color:rgb(95, 91, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 91, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 91, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 91, 227);  
box-shadow:4px 4px 4px 4px rgb(95, 91,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3255, 15.4611, 74.4807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 91, 227) }
```

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

```
.background{ background-color: rgb(95, 91,  
227) }
```

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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