

Converting Colors

XYZ(22.1035, 15.1280, 74.3919)

Have a look what the booklet for
XYZ(22.1035, 15.1280, 74.3919)
contains.

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Color

**XYZ(22.0536, 15.0705,
74.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	5E59E3
RGB	94, 89, 227
RGB Percent	37%, 35%, 89%
CMY	0.6313, 0.6510, 0.1098
CMYK	0.59, 0.61, 0.00, 0.11
HSL	242°, 71%, 62%
HSV	242°, 61%, 89%
XYZ	22.0536, 15.0705, 74.4196
YIQ	106.2270, -41.3180, 43.9780

Conversions

Conversions Part 2

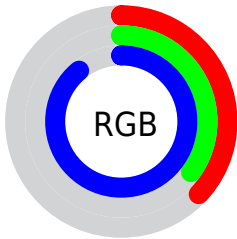
Format	Color
RYB	94, 89, 227
Decimal	6183395
CIELab	45.73, 41.16, -69.74
CIELCh	46, 80.983, 300.551
Yxy	15.0705, 0.1977, 0.1351
Android (android.graphics.Color)	4284373475 (0xFF5E59E3)
YUV	106.2270, 59.5411, -10.7231
Hunter-Lab	38.8207, 33.4674, -86.4848

Details

The XYZ color **22.0536, 15.0705, 74.4196** 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 **59.3948, 71.1884, 20.0615**, and the grayscale version is **13.6125, 14.3214, 15.5960**.

A 20% lighter version of the original color is **40.8002, 32.6538, 98.7602**, and **8.1822, 4.6623, 38.4989** is the 20% darker color. If you saturate the color by 10%, you get **18.5132, 10.8604, 73.7939**, and if you desaturate by 10%, it is **26.8133, 20.7734, 75.2699**.

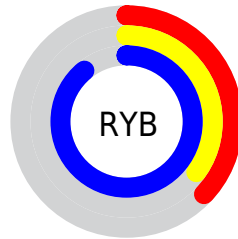
Distribution



Red (37%)

Green (35%)

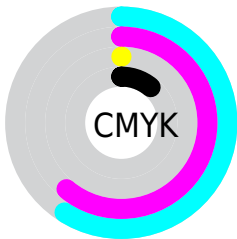
Blue (89%)



Red (37%)

Yellow (35%)

Blue (89%)

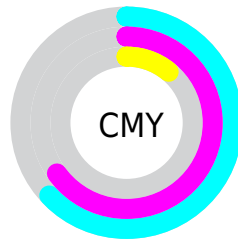


Cyan (59%)

Magenta (61%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (65%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0536, 15.0705, 74.4196 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 22.0536, 15.0705, 74.4196 by changing the saturation by 10% instead.

■ 22.0536, 15.0705,
74.4196

■ 22.0536, 15.0705,
74.4196

255.4532,
223.7925, 495.1224

■ 14.0131, 8.8689,
54.6387

■ 46.3128, 34.9768,
127.2300

■ 8.2115, 4.6558,
38.7159

■ 63.2622, 49.4503,
161.0965

■ 4.2836, 2.0467,
26.2326

■ 83.9119, 67.4498,
200.4953

■ 1.8638, 0.6344,
16.7704

■ 108.6273, 89.3599,
245.8449

■ 0.5556, 0.0000,
9.9107

■ 137.7738,
115.5648, 297.5639

■ 0.0000, 0.0000,
5.2350

171.7167,

■ 0.0000, 0.0000,

146.4489, 356.0708

2.3246

210.8214,
182.3967, 421.7841

■ 0.0000, 0.0000,
0.7450

■ 0.0000, 0.0000,
0.0000

■ 22.0536, 15.0705,
74.4196

■ 22.0536, 15.0705,
74.4196

■ 18.5132, 10.8604,
73.7939

■ 26.8133, 20.7734,
75.2699

■ 16.0790, 8.0024,
73.3706

■ 32.8873, 28.0900,
76.3620

■ 14.6208, 6.3310,
73.1248

■ 40.3638, 37.1302,
77.7129

■ 13.9683, 5.5992,
73.0180

■ 49.3227, 47.9939,
79.3376

■ 59.8381, 60.7736,
81.2501

■ 71.9789, 75.5553,
83.4634

■ 85.8100, 92.4198,
85.9896

■ 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.



14.4502, 15.0705, 89.5897



22.0536, 15.0705, 74.4196



28.9981, 15.0705, 42.5730

Triad

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



22.0536, 15.0705, 74.4196



21.7645, 15.0705, 0.5821



4.8223, 15.0705, 16.7720

Complementary

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



22.0536, 15.0705, 74.4196



59.3948, 71.1884, 20.0615

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.



5.6869, 15.0705, 4.0237



22.0536, 15.0705, 74.4196



14.1987, 15.0705, 0.0000

Square

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



22.0536, 15.0705, 74.4196



28.7973, 15.0705, 3.7842



8.6515, 15.0705, 0.6366



5.7551, 15.0705, 43.7617

Rectangle

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



22.0536, 15.0705, 74.4196



31.4864, 15.0705, 23.3587



8.6515, 15.0705, 0.6366



4.9084, 15.0705, 10.9961

Sweetspot

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



22.0544, 15.0709, 74.4200



67.6718, 66.6842, 103.9124



44.2128, 60.1255, 81.9486



13.6754, 13.2906, 22.0945



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.



22.0544, 15.0709, 74.4200



23.1180, 12.9781, 95.8943



32.4602, 20.4353, 74.9070



13.6309, 13.9120, 18.1112



8.1673, 3.2763, 42.5851



0.6207, 0.2510, 3.1477

Inverse Universe

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



48.4351, 28.7494, 72.0994



60.3405, 32.2904, 92.0601



42.4850, 62.4711, 19.2702



14.9713, 14.6057, 18.0495



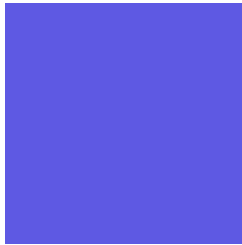
25.9238, 12.5037, 40.0891



1.9228, 0.9268, 2.9999

Previews

White Background



This preview shows how the XYZ color 22.0536, 15.0705, 74.4196 looks on a white background.

Color Contrast Check

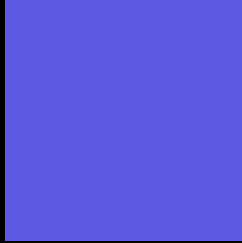
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0536, 15.0705, 74.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

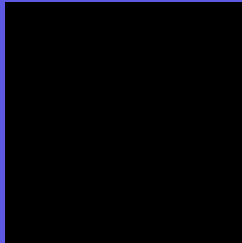
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.0536, 15.0705, 74.4196

Background



This preview shows how black text looks on a background with the XYZ color 22.0536, 15.0705, 74.4196.



This preview shows how white text looks on a background with the XYZ color 22.0536, 15.0705,

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

22.0536, 15.0705, 74.4196

Protanopia

17.8686, 15.0679, 69.6768

Deuteranopia

14.8702, 14.8696, 50.8016



Tritanopia

11.5573, 14.9587, 22.3569

Trichromacy



Original Color

22.0536, 15.0705, 74.4196

Protanomaly

18.4408, 14.5915, 71.6565

Deuteranomaly

16.1906, 14.1546, 58.3787

Tritanomaly

14.1833, 14.3530, 36.6732

Monochromacy



Original Color

22.0536, 15.0705, 74.4196

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.5417, 14.1411, 30.7645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0536, 15.0705, 74.4196 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(94, 89, 227)` looks like.

```
.text, #text, p{  
    color:rgb(94, 89, 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(94, 89, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 89, 227) }
```

Border

The CSS property to change the border of an element to XYZ 22.0536, 15.0705, 74.4196 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(94, 89, 227) }
```


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

```
.border{ border-color:rgb(94, 89, 227) }
```

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

Here you see how a box with a 4 pixel rgb(94, 89, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 89, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 89, 227);  
box-shadow:4px 4px 4px 4px rgb(94, 89,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0536, 15.0705, 74.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 89, 227) }
```

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

```
.background{ background-color: rgb(94, 89,  
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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