

Converting Colors

XYZ(15.5614, 6.8446, 53.9316)

Have a look what the booklet for
XYZ(15.5614, 6.8446, 53.9316)
contains.

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Color

**XYZ(15.5599, 6.8439,
53.9270)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6500C6 |
| RGB | 101, 0, 198 |
| RGB Percent | 40%, 0%, 78% |
| CMY | 0.6039, 1.0000, 0.2235 |
| CMYK | 0.49, 1.00, 0.00, 0.22 |
| HSL | 271°, 100%, 39% |
| HSV | 271°, 100%, 78% |
| XYZ | 15.5599, 6.8439, 53.9270 |
| YIQ | 52.7710, -3.3620, 82.9900 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 101, 0, 198 |
| Decimal | 6619334 |
| CIELab | 31.45, 69.00, -76.43 |
| CIELCh | 31, 102.970, 312.076 |
| Yxy | 6.8439, 0.2038, 0.0897 |
| Android (android.graphics.Color) | 4284809414 (0xFF6500C6) |
| YUV | 52.7710, 71.5979, 42.2968 |
| Hunter-Lab | 26.1608, 60.3864, -103.9056 |

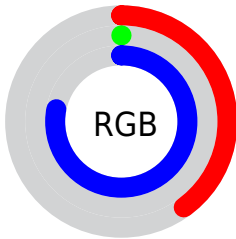
Details

The XYZ color **15.5599, 6.8439, 53.9270** is a dark color, and the websafe version is hex **6600CC**.

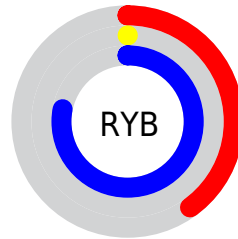
The color can be described as dark washed purple. A complement of this color would be **25.1234, 42.9295, 6.9621**, and the grayscale version is **3.2737, 3.4442, 3.7507**.

A 20% lighter version of the original color is **35.3328, 19.6665, 96.5415**, and **5.4933, 2.2592, 26.1331** is the 20% darker color. If you saturate the color by 10%, you get **15.5605, 6.8442, 53.9272**, and if you desaturate by 10%, it is **16.9581, 7.9309, 54.0633**.

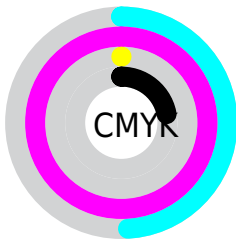
Distribution



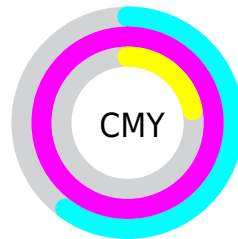
- Red (40%)
- Green (0%)
- Blue (78%)



- Red (40%)
- Yellow (0%)
- Blue (78%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)





- Cyan (60%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5599, 6.8439, 53.9270 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 15.5599, 6.8439, 53.9270 by changing the saturation by 10% instead.

 15.5599, 6.8439,
53.9270


 15.5599, 6.8439,
53.9270


220.0524,
166.3602, 418.9983

 9.3021, 3.3647,
38.1505


 35.3961, 19.6585,
97.4224


 4.9975, 1.3249,
25.7968


 49.7053, 29.7626,
125.9784


 2.2805, 0.1604,
16.4473


 67.4289, 42.8439,
159.6312

 0.7847, 0.0000,
9.6834

 88.9325, 59.2866,
198.7996

 0.0000, 0.0000,
5.0867

 114.5812, 79.4752,
243.9019


 0.0000, 0.0000,
2.2386

 144.7406,

 0.0000, 0.0000,

103.7941, 295.3568


0.6965


 179.7758,
132.6276, 353.5828

 0.0000, 0.0000,
0.0000


 15.5599, 6.8439,
53.9270


 15.5599, 6.8439,
53.9270


 15.5605, 6.8442,
53.9272

 16.9581, 7.9309,
54.0633

 18.7403, 9.5900,
54.2896

 20.9995, 12.0005,
54.6358

 23.7856, 15.2565,
55.1174

 27.1413, 19.4379,
55.7477

■ 31.1044, 24.6150,
56.5381

■ 35.7090, 30.8511,
57.4991

■ 40.9867, 38.2040,
58.6402

■ 46.9666, 46.7274,
59.9702

Harmonies

Analogous

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



8.7845, 6.8439, 82.7284



15.5599, 6.8439, 53.9270



21.0462, 6.8439, 19.8992

Triad

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



15.5599, 6.8439, 53.9270



10.0214, 6.8439, 0.0000



0.8511, 6.8439, 15.0247

Complementary

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



15.5599, 6.8439, 53.9270



25.1234, 42.9295, 6.9621

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.



0.9198, 6.8439, 1.7134



15.5599, 6.8439, 53.9270



4.6584, 6.8439, 0.0000

Square

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



15.5599, 6.8439, 53.9270



16.8624, 6.8439, 0.0000



1.8925, 6.8439, 0.0000



1.5980, 6.8439, 46.6830

Rectangle

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



15.5599, 6.8439, 53.9270



22.0921, 6.8439, 6.4784



1.8925, 6.8439, 0.0000



0.7971, 6.8439, 8.5182

Sweetspot

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



15.5605, 6.8442, 53.9272



62.8415, 54.0924, 101.7365



14.6549, 13.0009, 55.1633



12.6781, 10.5240, 21.6131



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.



15.5605, 6.8442, 53.9272



27.2685, 11.9723, 95.4814



33.4819, 16.0830, 54.7659



10.5639, 10.5489, 13.3969



10.2184, 4.5020, 35.0748



0.5673, 0.2562, 1.6647

Inverse Universe

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



25.4463, 12.8688, 12.4509



44.9364, 22.7386, 21.3952



20.1942, 40.3883, 6.7314



10.8468, 10.7221, 12.1764



16.5913, 8.3861, 8.3235



0.8222, 0.4117, 0.5867

Previews

White Background



This preview shows how the XYZ color 15.5599, 6.8439, 53.9270 looks on a white background.

Color Contrast Check

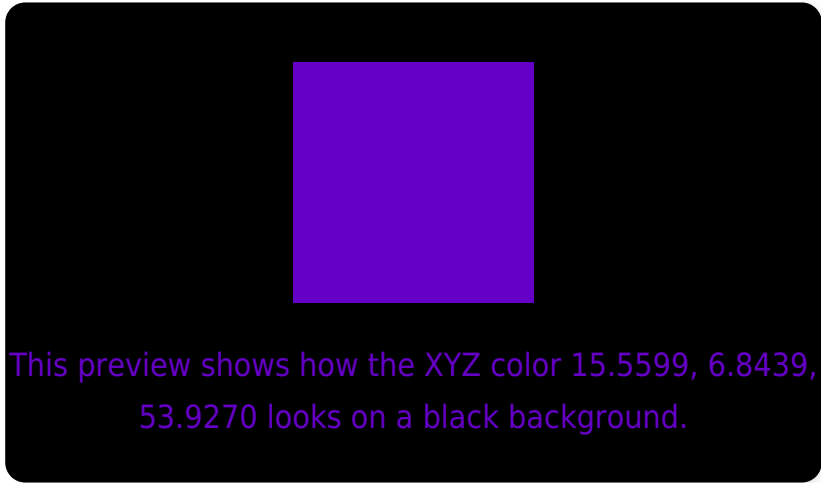
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 15.5599, 6.8439, 53.9270

Background



This preview shows how black text looks on a background with the XYZ color 15.5599, 6.8439, 53.9270.



This preview shows how white text looks on a background with the XYZ color 15.5599, 6.8439,

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

15.5599, 6.8439, 53.9270

Protanopia

8.3652, 7.2641, 31.9716

Deuteranopia

6.9608, 7.2579, 22.8638



Tritanopia

6.7410, 7.2344, 9.2247

Trichromacy



Original Color

15.5599, 6.8439, 53.9270

Protanomaly

9.1302, 5.3666, 39.0827

Deuteranomaly

7.9043, 5.0748, 32.0154

Tritanomaly

8.1933, 5.4266, 20.0176

Monochromacy



Original Color

15.5599, 6.8439, 53.9270

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.6993, 3.4868, 14.0083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5599, 6.8439, 53.9270 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(101, 0, 198)` looks like.

```
.text, #text, p{  
    color:rgb(101, 0, 198)  
}
```

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(101, 0, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 0, 198) }
```

Border

The CSS property to change the border of an element to XYZ 15.5599, 6.8439, 53.9270 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(101, 0, 198) }
```


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

```
.border{ border-color:rgb(101, 0, 198) }
```

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

Here you see how a box with a 4 pixel rgb(101, 0, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 0, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 0, 198);  
box-shadow:4px 4px 4px 4px rgb(101, 0,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5599, 6.8439, 53.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 0, 198) }
```

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

```
.background{ background-color: rgb(101, 0,  
198) }
```

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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