

Converting Colors

$Y_{xy}(10.6692, 0.2319, 0.1462)$

Have a look what the booklet for
Yxy(10.6692, 0.2319, 0.1462)
contains.

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Color

Yxy(10.6533, 0.2321, 0.1459)

Conversions

Conversions Part 1

Format	Color
Hex	6F42B6
RGB	111, 66, 182
RGB Percent	44%, 26%, 71%
CMY	0.5647, 0.7412, 0.2863
CMYK	0.39, 0.64, 0.00, 0.29
HSL	263°, 47%, 49%
HSV	263°, 64%, 71%
XYZ	16.9474, 10.6533, 45.4171
YIQ	92.6790, -10.4160, 45.6160

Conversions

Conversions Part 2

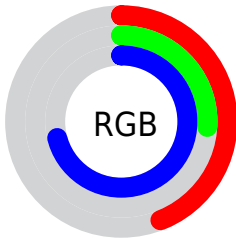
Format	Color
R _Y B	111, 66, 182
Decimal	7291574
CIE Lab	38.99, 44.40, -54.62
CIE LCh	39, 70.389, 309.103
Yxy	10.6533, 0.2321, 0.1459
Android (android.graphics.Color)	4285481654 (0xFF6F42B6)
YUV	92.6790, 44.0353, 16.0675
Hunter-Lab	32.6394, 35.5641, -59.6533

Details

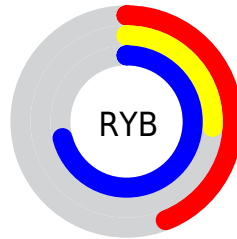
The Yxy color **10.6533, 0.2321, 0.1459** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **39.1653, 0.3573, 0.4994**, and the grayscale version is **10.7658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9383, 0.2525, 0.1801**, and **2.7413, 0.1947, 0.0944** is the 20% darker color. If you saturate the color by 10%, you get **8.1768, 0.2168, 0.1203**, and if you desaturate by 10%, it is **13.8971, 0.2476, 0.1749**.

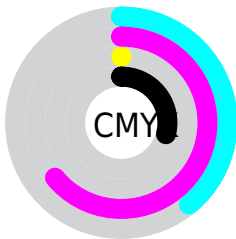
Distribution



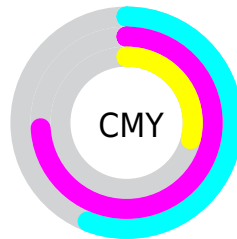
- Red (44%)
- Green (26%)
- Blue (71%)



- Red (44%)
- Yellow (26%)
- Blue (71%)



- Cyan (39%)
- Magenta (64%)
- Yellow (0%)
- Black (29%)





- Cyan (56%)
- Magenta (74%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6533, 0.2321, 0.1459 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 Yxy color 10.6533, 0.2321, 0.1459 by changing the saturation by 10% instead.


 10.6533, 0.2321,
0.1459


 10.6533, 0.2321,
0.1459


195.2733, 0.2822,
0.2417


 5.8342, 0.2164,
0.1227


 27.0173, 0.2528,
0.1808


 2.7445, 0.1946,
0.0944

 39.3309, 0.2598,
0.1939


 0.9999, 0.1635,
0.0611

 54.9116, 0.2654,
0.2051

 0.0000, 0.1219,
0.0000

 74.1436, 0.2700,
0.2146

 0.0000, 0.0000,
0.0000

 97.4114, 0.2739,
0.2228

125.0993, 0.2771,

0.2299

157.5918, 0.2799,
0.2362

■ 10.6533, 0.2321,
0.1459

■ 10.6533, 0.2321,
0.1459

■ 8.1768, 0.2168,
0.1203

■ 13.8971, 0.2476,
0.1749

■ 6.3963, 0.2024,
0.0996

■ 17.9683, 0.2625,
0.2055

■ 5.2285, 0.1897,
0.0849

■ 22.9219, 0.2764,
0.2363

■ 4.7025, 0.1827,
0.0780

■ 28.8081, 0.2889,
0.2661

■ 35.6730, 0.2999,
0.2942

■ 43.5596, 0.3095,
0.3200

■ 52.5084, 0.3177,
0.3434

■ 62.5575, 0.3246,
0.3644

■ 73.7433, 0.3305,
0.3831

Harmonies

Analogous

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



10.6533, 0.1406, 0.1289



10.6533, 0.2321, 0.1459



10.6533, 0.3822, 0.1929

Triad

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



10.6533, 0.2321, 0.1459



10.6533, 0.5601, 0.4357



10.6533, 0.1175, 0.3503

Complementary

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



10.6533, 0.2321, 0.1459



39.1653, 0.3573, 0.4994

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.



10.6533, 0.2002, 0.5583



10.6533, 0.2321, 0.1459



10.6533, 0.4514, 0.5486

Square

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



10.6533, 0.2321, 0.1459



10.6533, 0.6034, 0.3408



10.6533, 0.3203, 0.6278



10.6533, 0.0888, 0.2049

Rectangle

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



10.6533, 0.2321, 0.1459



10.6533, 0.4936, 0.2381



10.6533, 0.3203, 0.6278



10.6533, 0.1387, 0.4199

Sweetspot

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



10.6537, 0.2321, 0.1459



57.5020, 0.2940, 0.2788



22.5782, 0.2193, 0.2513



11.9385, 0.2907, 0.2706



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6537, 0.2321, 0.1459



13.5417, 0.2115, 0.1123



15.6494, 0.3022, 0.1775



8.8848, 0.3043, 0.3058



3.3569, 0.1838, 0.0786



0.1544, 0.2147, 0.0957

Inverse Universe

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



15.6468, 0.3860, 0.2345



23.7463, 0.4092, 0.2237



35.5331, 0.3112, 0.5270



9.1021, 0.3195, 0.3151



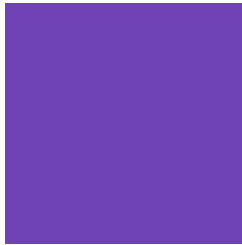
7.8529, 0.4471, 0.2237



0.2886, 0.4065, 0.2013

Previews

White Background



This preview shows how the Yxy color 10.6533, 0.2321, 0.1459 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 Yxy color 10.6533, 0.2321, 0.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

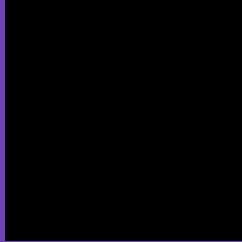
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6533, 0.2321, 0.1459

Background



This preview shows how black text looks on a background with the Yxy color 10.6533, 0.2321, 0.1459.



This preview shows how white text looks on a background with the Yxy color 10.6533, 0.2321, 0.1459.

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

10.6533, 0.2321, 0.1459

Protanopia

10.7756, 0.1747, 0.1488

Deuteranopia

10.6857, 0.1845, 0.1842



Tritanopia

10.6912, 0.3057, 0.3124

Trichromacy



Original Color

10.6533, 0.2321, 0.1459

Protanomaly

9.8811, 0.1805, 0.1406

Deuteranomaly

9.7320, 0.1870, 0.1597

Tritanomaly

10.3289, 0.2738, 0.2312

Monochromacy



Original Color

10.6533, 0.2321, 0.1459

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.3765, 0.2790, 0.2402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6533, 0.2321, 0.1459 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(111, 66, 182)` looks like.

```
.text, #text, p{  
    color:rgb(111, 66, 182)  
}
```

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(111, 66, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 66, 182) }
```

Border

The CSS property to change the border of an element to Yxy 10.6533, 0.2321, 0.1459 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(111, 66, 182) }
```

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

```
.border{ border-color:rgb(111, 66, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 66, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 66, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 66, 182);  
box-shadow:4px 4px 4px 4px rgb(111, 66,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6533, 0.2321, 0.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 66, 182) }
```

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

```
.background{ background-color: rgb(111, 66,  
182) }
```

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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