

Converting Colors

$Y_{xy}(7.3442, 0.2277, 0.1110)$

Have a look what the booklet for
Yxy(7.3442, 0.2277, 0.1110)
contains.

Yxy(7.3055, 0.2271, 0.1105)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(7.3055, 0.2271, 0.1105)$

Conversions

Conversions Part 1

Format	Color
Hex	6E19B4
RGB	110, 25, 180
RGB Percent	43%, 10%, 71%
CMY	0.5687, 0.9019, 0.2942
CMYK	0.39, 0.86, 0.00, 0.29
HSL	273°, 76%, 40%
HSV	273°, 86%, 71%
XYZ	15.0143, 7.3055, 43.7933
YIQ	68.0850, 0.9050, 66.2250

Conversions

Conversions Part 2

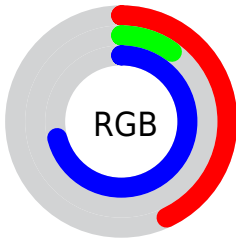
Format	Color
R_{YB}	110, 25, 180
Decimal	7215540
CIE _{Lab}	32.49, 61.27, -64.02
CIE _{LCh}	32, 88.616, 313.740
Yxy	7.3055, 0.2271, 0.1105
Android (android.graphics.Color)	4285405620 (0xFF6E19B4)
YUV	68.0850, 55.1741, 36.7595
Hunter-Lab	27.0287, 51.8556, -77.1448

Details

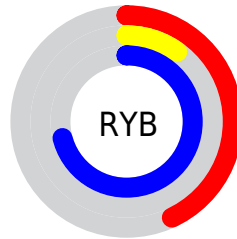
The Yxy color **7.3055, 0.2271, 0.1105** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **35.1431, 0.3371, 0.5583**, and the grayscale version is **5.7068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **20.6258, 0.2512, 0.1501**, and **2.2102, 0.1884, 0.0811** is the 20% darker color. If you saturate the color by 10%, you get **6.2641, 0.2163, 0.0983**, and if you desaturate by 10%, it is **8.8846, 0.2387, 0.1279**.

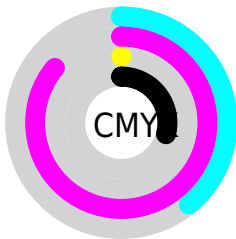
Distribution



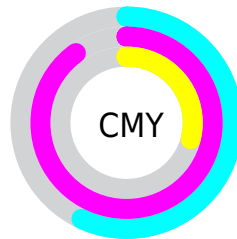
- Red (43%)
- Green (10%)
- Blue (71%)



- Red (43%)
- Yellow (10%)
- Blue (71%)



- Cyan (39%)
- Magenta (86%)
- Yellow (0%)
- Black (29%)





- Cyan (57%)
- Magenta (90%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 7.3055, 0.2271, 0.1105 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 7.3055, 0.2271, 0.1105 by changing the saturation by 10% instead.


 7.3055, 0.2271,
0.1105


 7.3055, 0.2271,
0.1105


170.1786, 0.2835,
0.2225

 3.6539, 0.2086,
0.0855


 20.5852, 0.2510,
0.1500


 1.4819, 0.1828,
0.0571

 30.9821, 0.2590,
0.1654


 0.2759, 0.1478,
0.0191

 44.3962, 0.2653,
0.1785

 0.0000, 0.0963,
0.0000

 61.2119, 0.2704,
0.1899

 0.0000, 0.0000,
0.0000

 81.8136, 0.2746,
0.1997

 106.5856, 0.2780,

0.2082

135.9125, 0.2810,
0.2158

7.3055, 0.2271,
0.1105

7.3055, 0.2271,
0.1105

6.2641, 0.2163,
0.0983

8.8846, 0.2387,
0.1279

5.9299, 0.2122,
0.0943

11.0898, 0.2507,
0.1499

13.9901, 0.2626,
0.1756

17.6448, 0.2739,
0.2034

22.1066, 0.2843,
0.2322

■ 27.4235, 0.2937,
0.2608

■ 33.6396, 0.3019,
0.2883

■ 40.7958, 0.3089,
0.3142

■ 48.9307, 0.3149,
0.3381

Harmonies

Analogous

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



7.3055, 0.1115, 0.0879



7.3055, 0.2271, 0.1105



7.3055, 0.4396, 0.1661

Triad

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



7.3055, 0.2271, 0.1105



7.3055, 0.5709, 0.4291



7.3055, 0.0581, 0.3004

Complementary

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



7.3055, 0.2271, 0.1105



35.1431, 0.3371, 0.5583

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.



7.3055, 0.1257, 0.6342



7.3055, 0.2271, 0.1105



7.3055, 0.4087, 0.5913

Square

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



7.3055, 0.2271, 0.1105



7.3055, 0.6794, 0.3206



7.3055, 0.2513, 0.7487



7.3055, 0.0454, 0.1432

Rectangle

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



7.3055, 0.2271, 0.1105



7.3055, 0.5932, 0.2166



7.3055, 0.2513, 0.7487



7.3055, 0.0726, 0.3979

Sweetspot

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



7.3057, 0.2271, 0.1105



49.3666, 0.2934, 0.2598



12.1148, 0.1852, 0.1733



9.9264, 0.2903, 0.2502



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



7.3057, 0.2271, 0.1105



10.6131, 0.2106, 0.0934



13.4868, 0.3278, 0.1644



8.4520, 0.3068, 0.3061



4.1795, 0.2134, 0.0949



0.1656, 0.2430, 0.1112

Inverse Universe

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



11.2252, 0.4789, 0.2532



18.6342, 0.5199, 0.2637



32.9403, 0.2996, 0.5819



8.5670, 0.3219, 0.3188



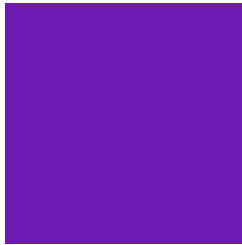
7.2034, 0.5130, 0.2600



0.2385, 0.4461, 0.2231

Previews

White Background



This preview shows how the Yxy color 7.3055, 0.2271, 0.1105 looks on a white background.

Color Contrast Check

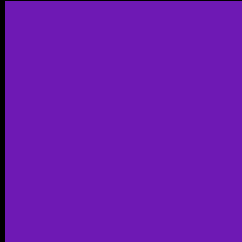
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Yxy color 7.3055, 0.2271, 0.1105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

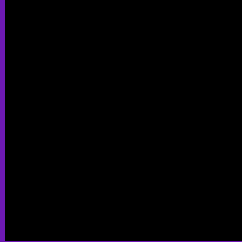
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 7.3055, 0.2271, 0.1105

Background



This preview shows how black text looks on a background with the Yxy color 7.3055, 0.2271, 0.1105.



This preview shows how white text looks on a background with the Yxy color 7.3055, 0.2271, 0.1105.

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

7.3055, 0.2271, 0.1105

Protanopia

7.4665, 0.1757, 0.1525

Deuteranopia

7.5149, 0.1866, 0.1918



Tritanopia

7.4534, 0.3327, 0.3134

Trichromacy



Original Color
7.3055, 0.2271, 0.1105

Protanomaly
6.0940, 0.1772, 0.1183

Deuteranomaly
5.9498, 0.1832, 0.1336

Tritanomaly
6.6307, 0.2841, 0.1983

Monochromacy



Original Color
7.3055, 0.2271, 0.1105

Achromatopsia
5.7805, 0.3127, 0.3290

Achromatomaly
5.3991, 0.2692, 0.1924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 7.3055, 0.2271, 0.1105 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(110, 25, 180)` looks like.

```
.text, #text, p{  
    color:rgb(110, 25, 180)  
}
```

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(110, 25, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 25, 180) }
```

Border

The CSS property to change the border of an element to Yxy 7.3055, 0.2271, 0.1105 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(110, 25, 180) }
```

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

```
.border{ border-color:rgb(110, 25, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 25, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 25, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 25, 180); box-shadow:4px 4px 4px 4px rgb(110, 25, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 7.3055, 0.2271, 0.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 25, 180) }
```

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

```
.background{ background-color: rgb(110, 25,  
180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor