

Converting Colors

$Y_{xy}(10.3722, 0.2970, 0.2273)$

Have a look what the booklet for
Yxy(10.3722, 0.2970, 0.2273)
contains.

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Color

Yxy(10.3722, 0.2970, 0.2273)

Conversions

Conversions Part 1

Format	Color
Hex	734C80
RGB	115, 76, 128
RGB Percent	45%, 30%, 50%
CMY	0.5489, 0.7020, 0.4981
CMYK	0.10, 0.41, 0.00, 0.50
HSL	285°, 25%, 40%
HSV	285°, 41%, 50%
XYZ	13.5528, 10.3722, 21.7072
YIQ	93.5890, 6.5520, 24.4400

Conversions

Conversions Part 2

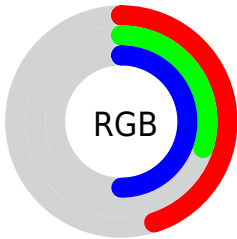
Format	Color
R_{YB}	115, 76, 128
Decimal	7556224
CIE _{Lab}	38.50, 26.29, -22.87
CIE _{LCh}	39, 34.845, 318.986
Yxy	10.3722, 0.2970, 0.2273
Android (android.graphics.Color)	4285746304 (0xFF734C80)
YUV	93.5890, 16.9646, 18.7774
Hunter-Lab	32.2059, 18.7554, -17.4182

Details

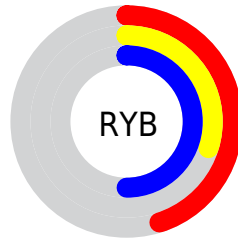
The Yxy color **10.3722, 0.2970, 0.2273** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **18.0802, 0.3216, 0.4426**, and the grayscale version is **11.0500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5827, 0.3023, 0.2515**, and **2.6513, 0.2850, 0.1833** is the 20% darker color. If you saturate the color by 10%, you get **8.5685, 0.2916, 0.2024**, and if you desaturate by 10%, it is **12.5352, 0.3018, 0.2530**.

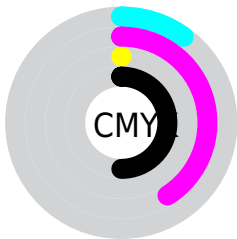
Distribution



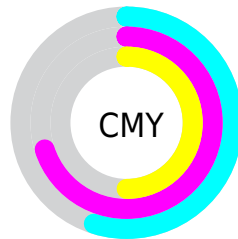
- Red (45%)
- Green (30%)
- Blue (50%)



- Red (45%)
- Yellow (30%)
- Blue (50%)



- Cyan (10%)
- Magenta (41%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3722, 0.2970, 0.2273 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 10.3722, 0.2970, 0.2273 by changing the saturation by 10% instead.


 10.3722, 0.2970,
0.2273


 10.3722, 0.2970,
0.2273


193.3083, 0.3080,
0.2863


 5.6464, 0.2924,
0.2093


 26.4933, 0.3021,
0.2510


 2.6313, 0.2848,
0.1839

 38.6573, 0.3037,
0.2592


 0.9424, 0.2708,
0.1462

 54.0696, 0.3049,
0.2659

 0.0000, 0.2449,
0.0000

 73.1145, 0.3058,
0.2714

 0.0000, 0.0000,
0.0000

 96.1765, 0.3065,
0.2760

123.6398, 0.3071,

0.2799

155.8889, 0.3076,
0.2833

■ 10.3722, 0.2970,
0.2273

■ 10.3722, 0.2970,
0.2273

■ 8.5685, 0.2916,
0.2024

■ 12.5352, 0.3018,
0.2530

■ 7.1018, 0.2857,
0.1793

■ 15.0754, 0.3060,
0.2787

■ 5.9492, 0.2794,
0.1590

■ 18.0112, 0.3096,
0.3037

■ 5.0846, 0.2729,
0.1423

■ 21.3593, 0.3125,
0.3276

■ 4.4774, 0.2664,
0.1299

■ 25.1354, 0.3150,
0.3499

■ 4.0490, 0.2604,
0.1208

■ 29.3545, 0.3170,
0.3705

■ 34.0307, 0.3185,
0.3894

■ 39.1777, 0.3197,
0.4067

■ 44.8084, 0.3207,
0.4223

Harmonies

Analogous

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



10.3722, 0.2292, 0.2093



10.3722, 0.2970, 0.2273



10.3722, 0.3794, 0.2655

Triad

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



10.3722, 0.2970, 0.2273



10.3722, 0.4467, 0.4322



10.3722, 0.1926, 0.3188

Complementary

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



10.3722, 0.2970, 0.2273



18.0802, 0.3216, 0.4426

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.



10.3722, 0.2404, 0.4055



10.3722, 0.2970, 0.2273



10.3722, 0.3870, 0.4722

Square

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



10.3722, 0.2970, 0.2273



10.3722, 0.4717, 0.3756



10.3722, 0.3115, 0.4679



10.3722, 0.1756, 0.2512

Rectangle

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



10.3722, 0.2970, 0.2273



10.3722, 0.4285, 0.2992



10.3722, 0.3115, 0.4679



10.3722, 0.2052, 0.3472

Sweetspot

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



10.3726, 0.2970, 0.2273



30.8138, 0.3090, 0.2997



10.2381, 0.2456, 0.2407



7.0837, 0.3087, 0.2971



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



10.3726, 0.2970, 0.2273



15.2323, 0.2919, 0.2036



10.9942, 0.3379, 0.2548



4.3601, 0.3101, 0.3075



4.0160, 0.2604, 0.1208



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.4771, 0.3848, 0.3034



15.5192, 0.4111, 0.2978



17.6939, 0.2948, 0.4173



4.3605, 0.3242, 0.3236



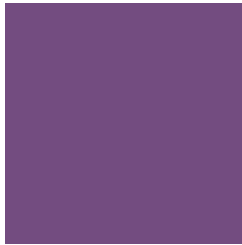
4.6537, 0.5857, 0.3000



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.3722, 0.2970, 0.2273 looks on a white background.

Color Contrast Check

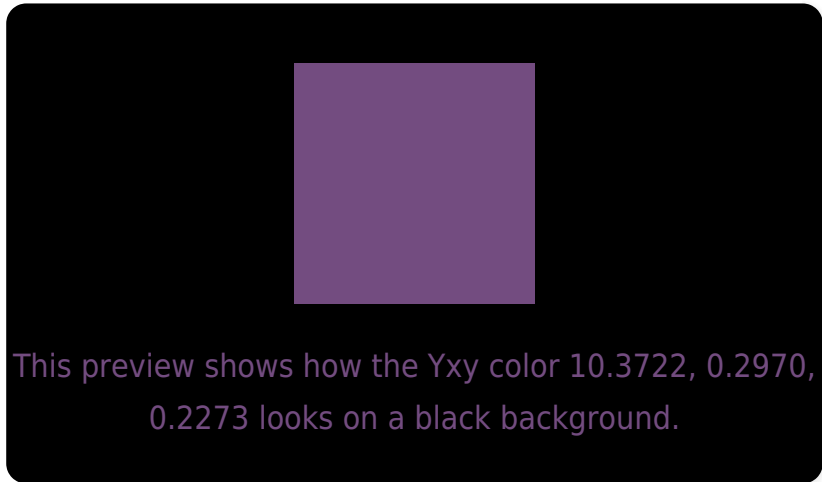
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

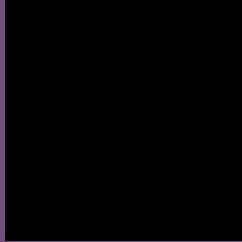
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3722, 0.2970, 0.2273

Background



This preview shows how black text looks on a background with the Yxy color 10.3722, 0.2970, 0.2273.



This preview shows how white text looks on a background with the Yxy color 10.3722, 0.2970, 0.2273.

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

10.3722, 0.2970, 0.2273

Protanopia

10.4253, 0.2323, 0.2206

Deuteranopia

10.4985, 0.2538, 0.2498



Tritanopia

10.4110, 0.3460, 0.3136

Trichromacy



Original Color

10.3722, 0.2970, 0.2273

Protanomaly

10.1646, 0.2514, 0.2209

Deuteranomaly

10.3305, 0.2682, 0.2403

Tritanomaly

10.3291, 0.3285, 0.2799

Monochromacy



Original Color

10.3722, 0.2970, 0.2273

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.6818, 0.3083, 0.2867

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3722, 0.2970, 0.2273 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(115, 76, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 76, 128)  
}
```

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(115, 76, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 76, 128) }
```

Border

The CSS property to change the border of an element to Yxy 10.3722, 0.2970, 0.2273 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(115, 76, 128) }
```

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

```
.border{ border-color:rgb(115, 76, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 76, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 76, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 76, 128);  
box-shadow:4px 4px 4px 4px rgb(115, 76,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3722, 0.2970, 0.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 76, 128) }
```

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

```
.background{ background-color: rgb(115, 76,  
128) }
```

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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