

Converting Colors

$Y_{xy}(10.4021, 0.3058, 0.2083)$

Have a look what the booklet for
Yxy(10.4021, 0.3058, 0.2083)
contains.

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Color

$Y_{xy}(10.3955, 0.3056, 0.2091)$

Conversions

Conversions Part 1

Format	Color
Hex	7F4487
RGB	127, 68, 135
RGB Percent	50%, 27%, 53%
CMY	0.5019, 0.7333, 0.4706
CMYK	0.06, 0.50, 0.00, 0.47
HSL	293°, 33%, 40%
HSV	293°, 50%, 53%
XYZ	15.1930, 10.3955, 24.1269
YIQ	93.2790, 13.6570, 33.3450

Conversions

Conversions Part 2

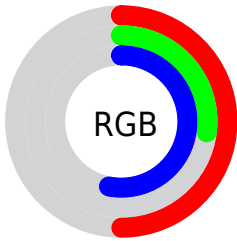
Format	Color
R_{YB}	127, 68, 135
Decimal	8340615
CIE _{Lab}	38.54, 36.26, -26.99
CIE _{LCh}	39, 45.197, 323.339
Yxy	10.3955, 0.3056, 0.2091
Android (android.graphics.Color)	4286530695 (0xFF7F4487)
YUV	93.2790, 20.5685, 29.5733
Hunter-Lab	32.2421, 27.6888, -21.7976

Details

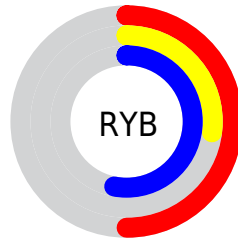
The Yxy color **10.3955, 0.3056, 0.2091** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **19.2813, 0.3133, 0.4762**, and the grayscale version is **10.9638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4547, 0.3084, 0.2350**, and **2.6581, 0.2966, 0.1624** is the 20% darker color. If you saturate the color by 10%, you get **8.8241, 0.3032, 0.1880**, and if you desaturate by 10%, it is **12.3458, 0.3077, 0.2323**.

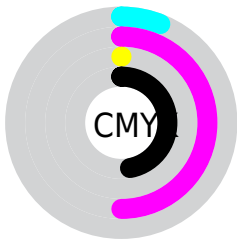
Distribution



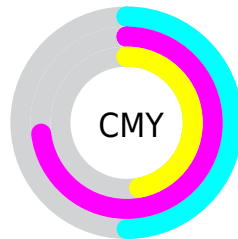
- Red (50%)
- Green (27%)
- Blue (53%)



- Red (50%)
- Yellow (27%)
- Blue (53%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (47%)





- Cyan (50%)
- Magenta (73%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3955, 0.3056, 0.2091 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 10.3955, 0.3056, 0.2091 by changing the saturation by 10% instead.


 10.3955, 0.3056,
0.2091


 10.3955, 0.3056,
0.2091


193.4720, 0.3121,
0.2771


 5.6620, 0.3022,
0.1892


 26.5368, 0.3090,
0.2359


 2.6406, 0.2963,
0.1621

 38.7133, 0.3100,
0.2454


 0.9471, 0.2846,
0.1237

 54.1397, 0.3106,
0.2531

 0.0000, 0.2759,
0.0000

 73.2002, 0.3111,
0.2595

 0.0000, 0.0000,
0.0000

 96.2793, 0.3115,
0.2649

123.7613, 0.3117,

0.2696

156.0308, 0.3119,
0.2736

■ 10.3955, 0.3056,
0.2091

■ 10.3955, 0.3056,
0.2091

■ 8.8241, 0.3032,
0.1880

■ 12.3458, 0.3077,
0.2323

■ 7.6041, 0.3006,
0.1700

■ 14.6975, 0.3094,
0.2568

■ 6.7065, 0.2978,
0.1557

■ 17.4726, 0.3108,
0.2817

■ 6.0967, 0.2949,
0.1455

■ 20.6914, 0.3119,
0.3062

■ 5.6786, 0.2919,
0.1384

■ 24.3728, 0.3127,
0.3299

■ 5.6635, 0.2918,
0.1381

■ 28.5345, 0.3133,
0.3522

■ 33.1935, 0.3137,
0.3731

■ 38.3657, 0.3140,
0.3924

■ 44.0665, 0.3140,
0.4101

Harmonies

Analogous

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



10.3955, 0.2176, 0.1837



10.3955, 0.3056, 0.2091



10.3955, 0.4131, 0.2573

Triad

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



10.3955, 0.3056, 0.2091



10.3955, 0.4678, 0.4606



10.3955, 0.1576, 0.2970

Complementary

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



10.3955, 0.3056, 0.2091



19.2813, 0.3133, 0.4762

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.



10.3955, 0.2080, 0.4132



10.3955, 0.3056, 0.2091



10.3955, 0.3864, 0.5156

Square

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



10.3955, 0.3056, 0.2091



10.3955, 0.5125, 0.3892



10.3955, 0.2919, 0.5077



10.3955, 0.1447, 0.2195

Rectangle

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



10.3955, 0.3056, 0.2091



10.3955, 0.4739, 0.2980



10.3955, 0.2919, 0.5077



10.3955, 0.1700, 0.3330

Sweetspot

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



10.3960, 0.3056, 0.2091



33.6659, 0.3113, 0.2923



8.2767, 0.2255, 0.1985



7.5572, 0.3111, 0.2878



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



10.3960, 0.3056, 0.2091



15.3846, 0.3028, 0.1847



10.4203, 0.3597, 0.2516



4.7354, 0.3120, 0.3075



5.2263, 0.2919, 0.1381



0.0201, 0.3071, 0.1465

Inverse Universe

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



9.8068, 0.4284, 0.3144



14.2765, 0.4737, 0.3121



19.3393, 0.2849, 0.4237



4.6971, 0.3262, 0.3264



4.7858, 0.6205, 0.3192



0.0171, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 10.3955, 0.3056, 0.2091 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 10.3955, 0.3056, 0.2091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

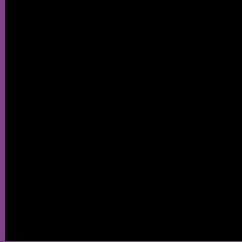
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3955, 0.3056, 0.2091

Background



This preview shows how black text looks on a background with the Yxy color 10.3955, 0.3056, 0.2091.



This preview shows how white text looks on a background with the Yxy color 10.3955, 0.3056, 0.2091.

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

10.3955, 0.3056, 0.2091

Protanopia

10.5347, 0.2136, 0.1968

Deuteranopia

10.4875, 0.2431, 0.2375



Tritanopia

10.4023, 0.3741, 0.3166

Trichromacy



Original Color

10.3955, 0.3056, 0.2091

Protanomaly

9.9864, 0.2387, 0.1976

Deuteranomaly

10.1334, 0.2633, 0.2242

Tritanomaly

10.3793, 0.3484, 0.2729

Monochromacy



Original Color

10.3955, 0.3056, 0.2091

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.4266, 0.3103, 0.2765

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3955, 0.3056, 0.2091 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(127, 68, 135)` looks like.

```
.text, #text, p{  
  color:rgb(127, 68, 135)  
}
```

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(127, 68, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 68, 135) }
```

Border

The CSS property to change the border of an element to Yxy 10.3955, 0.3056, 0.2091 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(127, 68, 135) }
```

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

```
.border{ border-color:rgb(127, 68, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 68, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 68, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 68, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 68,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3955, 0.3056, 0.2091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 68, 135) }
```

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

```
.background{ background-color: rgb(127, 68,  
135) }
```

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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