

Converting Colors

$Y_{xy}(19.2686, 0.3038, 0.2808)$

Have a look what the booklet for
Yxy(19.2686, 0.3038, 0.2808)
contains.

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Color

Yxy(19.3130, 0.3039, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	86738F
RGB	134, 115, 143
RGB Percent	53%, 45%, 56%
CMY	0.4744, 0.5491, 0.4392
CMYK	0.06, 0.20, 0.00, 0.44
HSL	281°, 11%, 51%
HSV	281°, 20%, 56%
XYZ	20.9241, 19.3130, 28.6149
YIQ	123.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

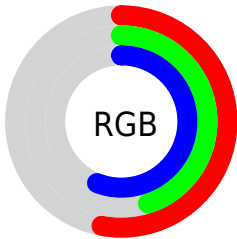
Format	Color
R_{YB}	134, 115, 143
Decimal	8811407
CIE _{Lab}	51.05, 12.89, -12.50
CIE _{LCh}	51, 17.958, 315.882
Yxy	19.3130, 0.3039, 0.2805
Android (android.graphics.Color)	4287001487 (0xFF86738F)
YUV	123.8730, 9.4296, 8.8814
Hunter-Lab	43.9466, 8.0822, -7.8429

Details

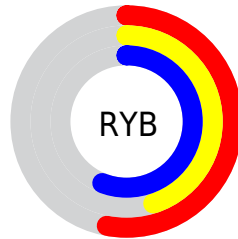
The Yxy color **19.3130, 0.3039, 0.2805** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.1682, 0.3199, 0.3793**, and the grayscale version is **20.0804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2334, 0.3056, 0.2907**, and **6.6894, 0.2987, 0.2616** is the 20% darker color. If you saturate the color by 10%, you get **15.9331, 0.2982, 0.2540**, and if you desaturate by 10%, it is **23.2169, 0.3088, 0.3060**.

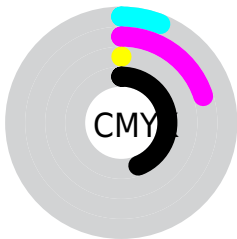
Distribution



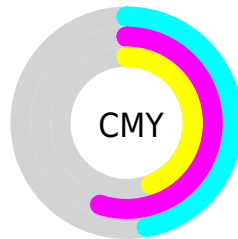
- Red (53%)
- Green (45%)
- Blue (56%)



- Red (53%)
- Yellow (45%)
- Blue (56%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)





- Cyan (47%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3130, 0.3039, 0.2805 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 19.3130, 0.3039, 0.2805 by changing the saturation by 10% instead.


 19.3130, 0.3039,
0.2805


 19.3130, 0.3039,
0.2805


248.1713, 0.3092,
0.3075


 11.8967, 0.3021,
0.2727


 42.2623, 0.3061,
0.2910


 6.6734, 0.2996,
0.2620


 58.5641, 0.3069,
0.2948

 3.2587, 0.2954,
0.2462

 78.5965, 0.3075,
0.2978

 1.2682, 0.2879,
0.2211

 102.7439, 0.3079,
0.3004

 0.1164, 0.2757,
0.0754

131.3907, 0.3084,
0.3025

 0.0000, 0.0000,
0.0000

164.9212, 0.3087,

0.3044

203.7200, 0.3090,
0.3060

■ 19.3130, 0.3039,
0.2805

■ 19.3130, 0.3039,
0.2805

■ 15.9331, 0.2982,
0.2540

■ 23.2169, 0.3088,
0.3060

■ 13.0512, 0.2917,
0.2272

■ 27.6642, 0.3129,
0.3299

■ 10.6429, 0.2845,
0.2010

■ 32.6765, 0.3163,
0.3522

■ 8.6805, 0.2766,
0.1762

■ 38.2734, 0.3191,
0.3727

■ 7.1338, 0.2683,
0.1542

■ 44.4734, 0.3213,
0.3914

■ 5.9682, 0.2598,
0.1359

■ 51.2944, 0.3231,
0.4082

■ 5.1436, 0.2514,
0.1220

■ 58.7534, 0.3246,
0.4235

■ 4.5576, 0.2432,
0.1116

■ 66.8669, 0.3257,
0.4372

■ 4.5346, 0.2429,
0.1112

■ 75.6506, 0.3266,
0.4495

Harmonies

Analogous

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



19.3130, 0.2737, 0.2737



19.3130, 0.3039, 0.2805



19.3130, 0.3381, 0.2985

Triad

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



19.3130, 0.3039, 0.2805



19.3130, 0.3736, 0.3757



19.3130, 0.2613, 0.3307

Complementary

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



19.3130, 0.3039, 0.2805



25.1682, 0.3199, 0.3793

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.



19.3130, 0.2860, 0.3625



19.3130, 0.3039, 0.2805



19.3130, 0.3509, 0.3887

Square

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



19.3130, 0.3039, 0.2805



19.3130, 0.3796, 0.3518



19.3130, 0.3186, 0.3844



19.3130, 0.2501, 0.3005

Rectangle

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



19.3130, 0.3039, 0.2805



19.3130, 0.3583, 0.3149



19.3130, 0.3186, 0.3844



19.3130, 0.2682, 0.3417

Sweetspot

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



19.3138, 0.3039, 0.2805



44.2188, 0.3103, 0.3144



20.1261, 0.2824, 0.2948



10.0395, 0.3100, 0.3131



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.3138, 0.3039, 0.2805



31.4931, 0.3012, 0.2676



19.9449, 0.3204, 0.2896



5.4256, 0.3090, 0.3070



4.0204, 0.2433, 0.1114



0.0503, 0.2808, 0.1320

Inverse Universe

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



19.5545, 0.3382, 0.3135



32.0410, 0.3463, 0.3094



24.6398, 0.3058, 0.3719



5.4508, 0.3234, 0.3220



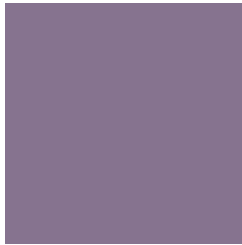
5.3401, 0.5625, 0.2872



0.0547, 0.4566, 0.2289

Previews

White Background



This preview shows how the Yxy color 19.3130, 0.3039, 0.2805 looks on a white background.

Color Contrast Check

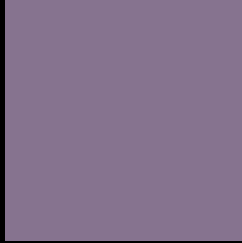
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.3130, 0.3039, 0.2805 looks on a black 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

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

Yxy 19.3130, 0.3039, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 19.3130, 0.3039, 0.2805.



This preview shows how white text looks on a background with the Yxy color 19.3130, 0.3039, 0.2805.

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

19.3130, 0.3039, 0.2805

Protanopia

19.4943, 0.2792, 0.2819

Deuteranopia

19.4317, 0.2931, 0.2878



Tritanopia

19.3947, 0.3198, 0.3128

Trichromacy



Original Color

19.3130, 0.3039, 0.2805

Protanomaly

19.4799, 0.2878, 0.2810

Deuteranomaly

19.4991, 0.2978, 0.2865

Tritanomaly

19.4026, 0.3140, 0.3006

Monochromacy



Original Color

19.3130, 0.3039, 0.2805

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.9026, 0.3099, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3130, 0.3039, 0.2805 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(134, 115, 143)` looks like.

```
.text, #text, p{  
    color:rgb(134, 115, 143)  
}
```

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(134, 115, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 115, 143) }
```

Border

The CSS property to change the border of an element to Yxy 19.3130, 0.3039, 0.2805 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(134, 115, 143) }
```

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

```
.border{ border-color:rgb(134, 115, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 115, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 115, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 115, 143);  
box-shadow:4px 4px 4px 4px rgb(134, 115,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3130, 0.3039, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 115, 143) }
```

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

```
.background{ background-color: rgb(134,  
115, 143) }
```

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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