

Converting Colors

$Yxy(19.1234, 0.2676, 0.2366)$

Have a look what the booklet for
Yxy(19.1234, 0.2676, 0.2366)
contains.

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Color

Yxy(19.1104, 0.2680, 0.2363)

Conversions

Conversions Part 1

Format	Color
Hex	7E71A9
RGB	126, 113, 169
RGB Percent	49%, 44%, 66%
CMY	0.5058, 0.5569, 0.3372
CMYK	0.25, 0.33, 0.00, 0.34
HSL	254°, 25%, 55%
HSV	254°, 33%, 66%
XYZ	21.6741, 19.1104, 40.0890
YIQ	123.2710, -10.2280, 20.1720

Conversions

Conversions Part 2

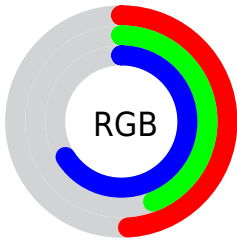
Format	Color
RYB	126, 113, 169
Decimal	8286633
CIELab	50.82, 17.47, -28.15
CIELCh	51, 33.127, 301.829
Yxy	19.1104, 0.2680, 0.2363
Android (android.graphics.Color)	4286476713 (0xFF7E71A9)
YUV	123.2710, 22.5444, 2.3933
Hunter-Lab	43.7154, 11.9982, -23.7707

Details

The Yxy color $19.1104, 0.2680, 0.2363$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $36.6394, 0.3486, 0.4136$, and the grayscale version is $19.8293, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.9954, 0.2789, 0.2562$, and $6.5608, 0.2482, 0.2035$ is the 20% darker color. If you saturate the color by 10%, you get $14.7618, 0.2511, 0.2040$, and if you desaturate by 10%, it is $24.2906, 0.2835, 0.2671$.

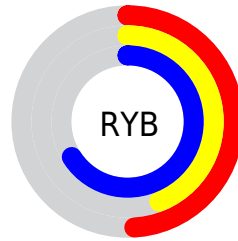
Distribution



Red (49%)

Green (44%)

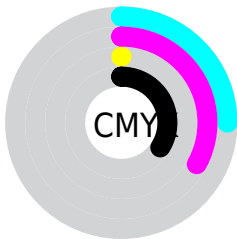
Blue (66%)



Red (49%)

Yellow (44%)

Blue (66%)

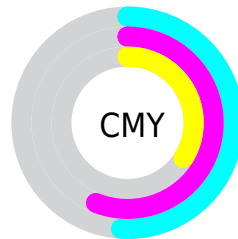


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1104, 0.2680, 0.2363 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 19.1104, 0.2680, 0.2363 by changing the saturation by 10% instead.

■ 19.1104, 0.2680,
0.2363

■ 19.1104, 0.2680,
0.2363

247.0576, 0.2939,
0.2864

■ 11.7501, 0.2602,
0.2226

■ 41.9206, 0.2783,
0.2554

■ 6.5737, 0.2493,
0.2045

■ 58.1392, 0.2819,
0.2623

■ 3.1970, 0.2332,
0.1794

■ 78.0794, 0.2849,
0.2680

■ 1.2354, 0.2076,
0.1432

■ 102.1255, 0.2873,
0.2729

■ 0.0903, 0.1631,
0.0288

130.6620, 0.2893,
0.2770

■ 0.0000, 0.0000,
0.0000

164.0733, 0.2911,

0.2806

202.7436, 0.2926,
0.2837

■ 19.1104, 0.2680,
0.2363

■ 19.1104, 0.2680,
0.2363

■ 14.7618, 0.2511,
0.2040

■ 24.2906, 0.2835,
0.2671

■ 11.1986, 0.2332,
0.1714

■ 30.3409, 0.2972,
0.2956

■ 8.3735, 0.2151,
0.1403

■ 37.2999, 0.3093,
0.3214

■ 6.2331, 0.1978,
0.1126

■ 45.2033, 0.3197,
0.3445

■ 4.7165, 0.1825,
0.0904

■ 54.0849, 0.3286,
0.3650

■ 3.7514, 0.1701,
0.0749

■ 63.9768, 0.3362,
0.3829

■ 3.3026, 0.1633,
0.0673

■ 74.9096, 0.3426,
0.3987

■ 86.9126, 0.3481,
0.4125

■ 93.3960, 0.3554,
0.4159

Harmonies

Analogous

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



19.1104, 0.2243, 0.2334



19.1104, 0.2680, 0.2363



19.1104, 0.3286, 0.2587

Triad

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



19.1104, 0.2680, 0.2363



19.1104, 0.4339, 0.3896



19.1104, 0.2372, 0.3600

Complementary

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



19.1104, 0.2680, 0.2363



36.6394, 0.3486, 0.4136

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.



19.1104, 0.2883, 0.4180



19.1104, 0.2680, 0.2363



19.1104, 0.4028, 0.4284

Square

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



19.1104, 0.2680, 0.2363



19.1104, 0.4303, 0.3422



19.1104, 0.3489, 0.4429



19.1104, 0.2077, 0.2975

Rectangle

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



19.1104, 0.2680, 0.2363



19.1104, 0.3709, 0.2824



19.1104, 0.3489, 0.4429



19.1104, 0.2522, 0.3814

Sweetspot

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



19.1112, 0.2680, 0.2363



57.8534, 0.3010, 0.3036



30.4473, 0.2640, 0.3091



12.2579, 0.2993, 0.3000



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



19.1112, 0.2680, 0.2363



28.1930, 0.2553, 0.2119



21.4598, 0.2981, 0.2439



7.3816, 0.3021, 0.3059



2.4819, 0.1641, 0.0678



0.0826, 0.1975, 0.0861

Inverse Universe

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



22.6449, 0.3316, 0.2657



35.6142, 0.3372, 0.2513



34.2298, 0.3224, 0.4211



7.6363, 0.3171, 0.3118



7.4901, 0.3888, 0.1915



0.1893, 0.3623, 0.1770

Previews

White Background



This preview shows how the Yxy color 19.1104, 0.2680, 0.2363 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 19.1104, 0.2680, 0.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

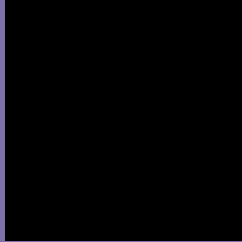
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1104, 0.2680, 0.2363

Background



This preview shows how black text looks on a background with the Yxy color 19.1104, 0.2680, 0.2363.

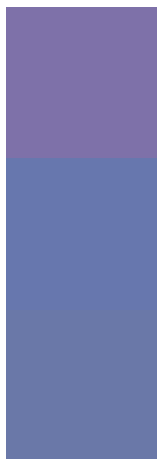


This preview shows how white text looks on a background with the Yxy color 19.1104, 0.2680, 0.2363.

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

19.1104, 0.2680, 0.2363

Protanopia

19.1332, 0.2429, 0.2343

Deuteranopia

19.3243, 0.2504, 0.2453



Tritanopia

19.2084, 0.3002, 0.3122

Trichromacy



Original Color

19.1104, 0.2680, 0.2363

Protanomaly

19.0806, 0.2511, 0.2353

Deuteranomaly

19.0604, 0.2563, 0.2414

Tritanomaly

19.1081, 0.2886, 0.2823

Monochromacy



Original Color

19.1104, 0.2680, 0.2363

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.3722, 0.2952, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1104, 0.2680, 0.2363 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(126, 113, 169)` looks like.

```
.text, #text, p{  
    color:rgb(126, 113, 169)  
}
```

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(126, 113, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 113, 169) }
```

Border

The CSS property to change the border of an element to Yxy 19.1104, 0.2680, 0.2363 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(126, 113, 169) }
```

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

```
.border{ border-color:rgb(126, 113, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 113, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 113, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 113, 169);  
box-shadow:4px 4px 4px 4px rgb(126, 113,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1104, 0.2680, 0.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 113, 169) }
```

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

```
.background{ background-color: rgb(126,  
113, 169) }
```

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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