

Converting Colors

$Y_{xy}(19.4151, 0.3329, 0.2757)$

Have a look what the booklet for
Yxy(19.4151, 0.3329, 0.2757)
contains.

Yxy(19.3085, 0.3323, 0.2743)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.3085, 0.3323, 0.2743)

Conversions

Conversions Part 1

Format	Color
Hex	9A6B8D
RGB	154, 107, 141
RGB Percent	60%, 42%, 55%
CMY	0.3961, 0.5804, 0.4471
CMYK	0.00, 0.31, 0.08, 0.40
HSL	317°, 19%, 51%
HSV	317°, 31%, 60%
XYZ	23.3912, 19.3085, 27.6922
YIQ	124.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

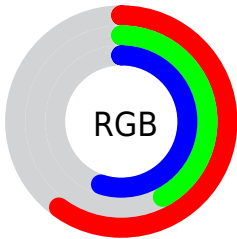
Format	Color
R_{YB}	154, 107, 141
Decimal	10120077
CIE _{Lab}	51.05, 24.34, -11.12
CIE _{LCh}	51, 26.761, 335.451
Yxy	19.3085, 0.3323, 0.2743
Android (android.graphics.Color)	4288310157 (0xFF9A6B8D)
YUV	124.9290, 7.9230, 25.4953
Hunter-Lab	43.9414, 18.1229, -6.6059

Details

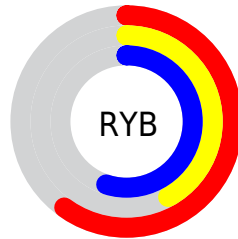
The Yxy color $19.3085, 0.3323, 0.2743$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.5928, 0.2976, 0.3909$, and the grayscale version is $20.4521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.2917, 0.3278, 0.2856$, and $6.7080, 0.3388, 0.2545$ is the 20% darker color. If you saturate the color by 10%, you get $16.2546, 0.3407, 0.2562$, and if you desaturate by 10%, it is $22.9409, 0.3249, 0.2927$.

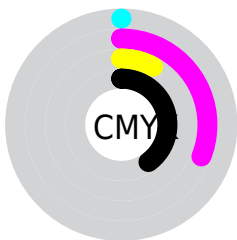
Distribution



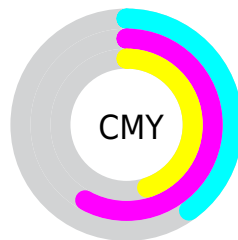
- Red (60%)
- Green (42%)
- Blue (55%)



- Red (60%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (31%)
- Yellow (8%)
- Black (40%)




- Cyan (40%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3085, 0.3323, 0.2743 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 19.3085, 0.3323, 0.2743 by changing the saturation by 10% instead.


 19.3085, 0.3323,
0.2743


 19.3085, 0.3323,
0.2743


248.1466, 0.3217,
0.3044


 11.8934, 0.3353,
0.2657


 42.2547, 0.3282,
0.2860


 6.6711, 0.3393,
0.2541


 58.5547, 0.3267,
0.2901

 3.2573, 0.3450,
0.2371

 78.5850, 0.3255,
0.2935

 1.2675, 0.3537,
0.2107

 102.7302, 0.3245,
0.2964

 0.1158, 0.4086,
0.0672

131.3745, 0.3236,
0.2989

 0.0000, 0.0000,
0.0000

164.9024, 0.3229,

0.3010

203.6983, 0.3222,
0.3028

■ 19.3085, 0.3323,
0.2743

■ 19.3085, 0.3323,
0.2743

■ 16.2546, 0.3407,
0.2562

■ 22.9409, 0.3249,
0.2927

■ 13.7462, 0.3502,
0.2392

■ 27.1774, 0.3185,
0.3107

■ 11.7509, 0.3605,
0.2242

■ 32.0451, 0.3130,
0.3281

■ 10.2319, 0.3714,
0.2121

■ 37.5688, 0.3083,
0.3446

■ 9.1474, 0.3827,
0.2040

■ 43.7719, 0.3044,
0.3599

■ 8.4483, 0.3939,
0.2004

■ 50.6766, 0.3011,
0.3742

■ 8.0262, 0.4045,
0.2002

■ 58.3043, 0.2983,
0.3873

■ 66.6752, 0.2960,
0.3993

■ 75.8088, 0.2941,
0.4104

Harmonies

Analogous

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



19.3085, 0.2822, 0.2538



19.3085, 0.3323, 0.2743



19.3085, 0.3802, 0.3070

Triad

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



19.3085, 0.3323, 0.2743



19.3085, 0.3822, 0.4129



19.3085, 0.2249, 0.2994

Complementary

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



19.3085, 0.3323, 0.2743



27.5928, 0.2976, 0.3909

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.



19.3085, 0.2475, 0.3480



19.3085, 0.3323, 0.2743



19.3085, 0.3374, 0.4189

Square

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



19.3085, 0.3323, 0.2743



19.3085, 0.4094, 0.3846



19.3085, 0.2881, 0.3947



19.3085, 0.2237, 0.2648

Rectangle

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



19.3085, 0.3323, 0.2743



19.3085, 0.4025, 0.3328



19.3085, 0.2881, 0.3947



19.3085, 0.2301, 0.3146

Sweetspot

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



19.3094, 0.3323, 0.2743



50.4842, 0.3177, 0.3131



16.8096, 0.2744, 0.2457



11.1683, 0.3185, 0.3107



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.3094, 0.3323, 0.2743



30.9656, 0.3383, 0.2612



18.6937, 0.3634, 0.3109



6.2945, 0.3177, 0.3130



6.5456, 0.4037, 0.1998



0.1039, 0.3605, 0.1760

Inverse Universe

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



19.3094, 0.3323, 0.2743



30.9656, 0.3383, 0.2612



28.2208, 0.2786, 0.3482



6.2945, 0.3177, 0.3130



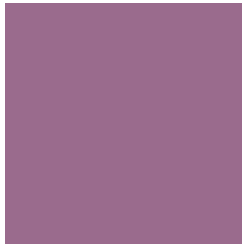
6.5456, 0.4037, 0.1998



0.1039, 0.3605, 0.1760

Previews

White Background



This preview shows how the Yxy color 19.3085, 0.3323, 0.2743 looks on a white background.

Color Contrast Check

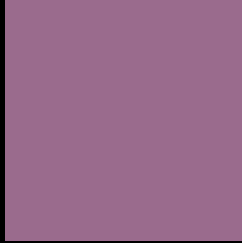
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3085, 0.3323, 0.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

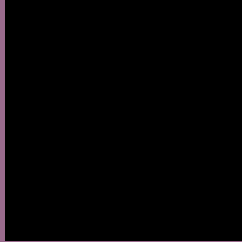
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3085, 0.3323, 0.2743

Background



This preview shows how black text looks on a background with the Yxy color 19.3085, 0.3323, 0.2743.



This preview shows how white text looks on a background with the Yxy color 19.3085, 0.3323, 0.2743.

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

19.3085, 0.3323, 0.2743

Protanopia

19.5216, 0.2752, 0.2768

Deuteranopia

19.4934, 0.2987, 0.2931



Tritanopia

19.2801, 0.3565, 0.3156

Trichromacy



Original Color

19.3085, 0.3323, 0.2743

Protanomaly

19.2645, 0.2935, 0.2749

Deuteranomaly

19.3892, 0.3098, 0.2858

Tritanomaly

19.3596, 0.3474, 0.3008

Monochromacy



Original Color

19.3085, 0.3323, 0.2743

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8298, 0.3201, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3085, 0.3323, 0.2743 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(154, 107, 141)` looks like.

```
.text, #text, p{  
    color:rgb(154, 107, 141)  
}
```

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(154, 107, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 107, 141) }
```

Border

The CSS property to change the border of an element to Yxy 19.3085, 0.3323, 0.2743 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(154, 107, 141) }
```

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

```
.border{ border-color:rgb(154, 107, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 107, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 107, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 107, 141);  
box-shadow:4px 4px 4px 4px rgb(154, 107,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3085, 0.3323, 0.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 107, 141) }
```

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

```
.background{ background-color: rgb(154,  
107, 141) }
```

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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