

Converting Colors

$Y_{xy}(18.4893, 0.3229, 0.3084)$

Have a look what the booklet for
Yxy(18.4893, 0.3229, 0.3084)
contains.

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Color

Yxy(18.5018, 0.3240, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	85727D
RGB	133, 114, 125
RGB Percent	52%, 45%, 49%
CMY	0.4786, 0.5529, 0.5098
CMYK	0.00, 0.14, 0.06, 0.48
HSL	325°, 8%, 48%
HSV	325°, 14%, 52%
XYZ	19.3874, 18.5018, 21.9484
YIQ	120.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

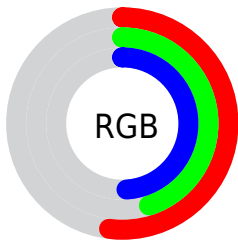
Format	Color
R _Y B	133, 114, 125
Decimal	8745597
CIE Lab	50.10, 9.42, -3.30
CIE LCh	50, 9.980, 340.669
Yxy	18.5018, 0.3240, 0.3092
Android (android.graphics.Color)	4286935677 (0xFF85727D)
YUV	120.9350, 2.0040, 10.5810
Hunter-Lab	43.0137, 5.1806, -0.1441

Details

The Yxy color **18.5018, 0.3240, 0.3092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.7494, 0.3028, 0.3497**, and the grayscale version is **19.0892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9259, 0.3209, 0.3132**, and **6.2572, 0.3285, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **15.5783, 0.3337, 0.2946**, and if you desaturate by 10%, it is **21.8711, 0.3158, 0.3233**.

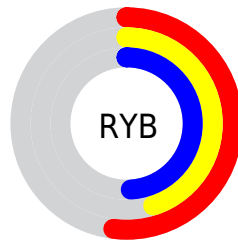
Distribution



Red (52%)

Green (45%)

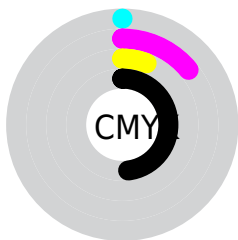
Blue (49%)



Red (52%)

Yellow (45%)

Blue (49%)

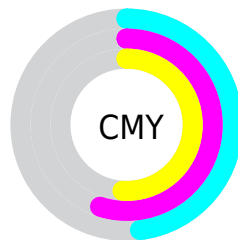


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (48%)



Cyan (48%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5018, 0.3240, 0.3092 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 18.5018, 0.3240, 0.3092 by changing the saturation by 10% instead.


 18.5018, 0.3240,
0.3092


 18.5018, 0.3240,
0.3092


243.6844, 0.3176,
0.3205


 11.3109, 0.3259,
0.3058


 40.8905, 0.3214,
0.3137

 6.2763, 0.3287,
0.3010


 56.8571, 0.3205,
0.3153

 3.0138, 0.3329,
0.2937

 76.5177, 0.3198,
0.3165

 1.1390, 0.3401,
0.2812

 100.2567, 0.3192,
0.3176

 0.0110, 0.4863,
0.0222

128.4585, 0.3187,
0.3185

 0.0000, 0.0000,
0.0000

161.5074, 0.3183,

0.3192

199.7879, 0.3179,
0.3199

■ 18.5018, 0.3240,
0.3092

■ 18.5018, 0.3240,
0.3092

■ 15.5783, 0.3337,
0.2946

■ 21.8711, 0.3158,
0.3233

■ 13.0793, 0.3452,
0.2798

■ 25.7015, 0.3089,
0.3365

■ 10.9854, 0.3584,
0.2653

■ 30.0105, 0.3032,
0.3489

■ 9.2746, 0.3735,
0.2519

■ 34.8141, 0.2984,
0.3604

■ 7.9231, 0.3904,
0.2405

■ 40.1274, 0.2944,
0.3710

6.9040, 0.4086,
0.2321

45.9650, 0.2910,
0.3807

6.1870, 0.4276,
0.2279

52.3407, 0.2883,
0.3897

5.7323, 0.4467,
0.2285

59.2681, 0.2859,
0.3979

5.5198, 0.4580,
0.2296

66.7601, 0.2840,
0.4054

Harmonies

Analogous

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



18.5018, 0.3047, 0.2996



18.5018, 0.3240, 0.3092



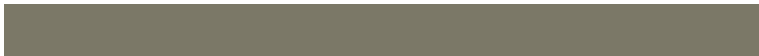
18.5018, 0.3406, 0.3238

Triad

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



18.5018, 0.3240, 0.3092



18.5018, 0.3373, 0.3619



18.5018, 0.2772, 0.3162

Complementary

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



18.5018, 0.3240, 0.3092



21.7494, 0.3028, 0.3497

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.



18.5018, 0.2854, 0.3335



18.5018, 0.3240, 0.3092



18.5018, 0.3198, 0.3606

Square

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



18.5018, 0.3240, 0.3092



18.5018, 0.3483, 0.3540



18.5018, 0.3009, 0.3501



18.5018, 0.2782, 0.3031

Rectangle

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



18.5018, 0.3240, 0.3092



18.5018, 0.3477, 0.3346



18.5018, 0.3009, 0.3501



18.5018, 0.2790, 0.3217

Sweetspot

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



18.5026, 0.3240, 0.3092



39.2919, 0.3157, 0.3235



17.8620, 0.3004, 0.2938



8.7555, 0.3162, 0.3226



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



18.5026, 0.3240, 0.3092



31.4258, 0.3269, 0.3047



18.2737, 0.3358, 0.3262



4.7306, 0.3196, 0.3165



5.2622, 0.4576, 0.2295



0.0197, 0.3854, 0.1897

Inverse Universe

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



18.5026, 0.3240, 0.3092



31.4258, 0.3269, 0.3047



21.9937, 0.2935, 0.3319



4.7306, 0.3196, 0.3165



5.2622, 0.4576, 0.2295



0.0197, 0.3854, 0.1897

Previews

White Background



This preview shows how the Yxy color 18.5018, 0.3240, 0.3092 looks on a white background.

Color Contrast Check

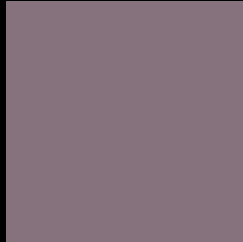
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5018, 0.3240, 0.3092 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 18.5018, 0.3240, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 18.5018, 0.3240, 0.3092.



This preview shows how white text looks on a background with the Yxy color 18.5018, 0.3240, 0.3092.

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

18.5018, 0.3240, 0.3092

Protanopia

18.6741, 0.3024, 0.3120

Deuteranopia

18.5606, 0.3173, 0.3125



Tritanopia

18.4512, 0.3265, 0.3127

Trichromacy



Original Color

18.5018, 0.3240, 0.3092

Protanomaly

18.5400, 0.3098, 0.3104

Deuteranomaly

18.4880, 0.3200, 0.3108

Tritanomaly

18.4764, 0.3253, 0.3109

Monochromacy



Original Color

18.5018, 0.3240, 0.3092

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.7220, 0.3169, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5018, 0.3240, 0.3092 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(133, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(133, 114, 125)  
}
```

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(133, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 114, 125) }
```

Border

The CSS property to change the border of an element to Yxy 18.5018, 0.3240, 0.3092 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(133, 114, 125) }
```

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

```
.border{ border-color:rgb(133, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(133, 114,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5018, 0.3240, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 114, 125) }
```

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

```
.background{ background-color: rgb(133,  
114, 125) }
```

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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