

Converting Colors

$Y_{xy}(19.7007, 0.3306, 0.3171)$

Have a look what the booklet for
Yxy(19.7007, 0.3306, 0.3171)
contains.

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Color

Yxy(19.8154, 0.3310, 0.3185)

Conversions

Conversions Part 1	
Format	Color
Hex	8A767C
RGB	138, 118, 124
RGB Percent	54%, 46%, 49%
CMY	0.4590, 0.5372, 0.5137
CMYK	0.00, 0.14, 0.10, 0.46
HSL	342°, 8%, 50%
HSV	342°, 14%, 54%
XYZ	20.5931, 19.8154, 21.8063
YIQ	124.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

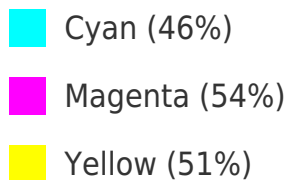
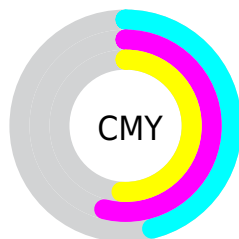
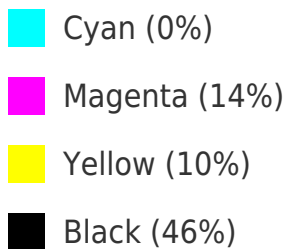
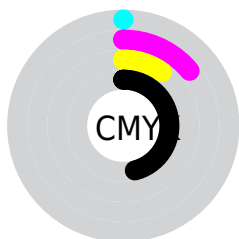
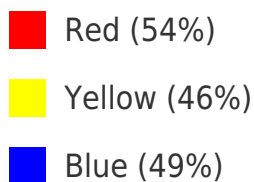
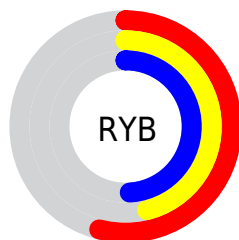
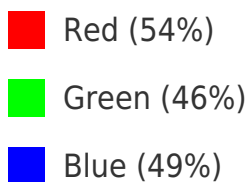
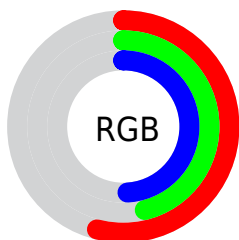
Format	Color
RYB	138, 118, 124
Decimal	9074300
CIELab	51.63, 8.81, -0.41
CIELCh	52, 8.817, 357.308
Yxy	19.8154, 0.3310, 0.3185
Android (android.graphics.Color)	4287264380 (0xFF8A767C)
YUV	124.6640, -0.3274, 11.6957
Hunter-Lab	44.5145, 4.6765, 2.1158

Details

The Yxy color $19.8154, 0.3310, 0.3185$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.6852, 0.2972, 0.3398$, and the grayscale version is $20.3874, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.0905, 0.3277, 0.3213$, and $6.9630, 0.3394, 0.3157$ is the 20% darker color. If you saturate the color by 10%, you get $16.5679, 0.3471, 0.3108$, and if you desaturate by 10%, it is $23.5640, 0.3178, 0.3259$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8154, 0.3310, 0.3185 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 19.8154, 0.3310, 0.3185 by changing the saturation by 10% instead.


 19.8154, 0.3310,
0.3185


 19.8154, 0.3310,
0.3185


250.9140, 0.3206,
0.3245


 12.2609, 0.3342,
0.3167

 43.1075, 0.3268,
0.3209

 6.9216, 0.3387,
0.3141


 59.6139, 0.3254,
0.3217

 3.4131, 0.3455,
0.3102


 79.8730, 0.3242,
0.3224

 1.3510, 0.3573,
0.3035

104.2693, 0.3232,
0.3230

 0.1802, 0.4879,
0.2276


133.1872, 0.3224,
0.3234


 0.0000, 0.0000,
0.0000


167.0110, 0.3217,


0.3238

206.1251, 0.3211,
0.3242


 19.8154, 0.3310,
0.3185


 19.8154, 0.3310,
0.3185


 16.5679, 0.3471,
0.3108


 23.5640, 0.3178,
0.3259


 13.7975, 0.3666,
0.3029


 27.8309, 0.3070,
0.3327


 11.4825, 0.3900,
0.2952


 32.6359, 0.2981,
0.3391

 9.5980, 0.4176,
0.2884


 37.9969, 0.2908,
0.3449

 8.1172, 0.4491,
0.2833


 43.9310, 0.2848,
0.3502


 7.0100, 0.4836,
0.2809


 50.4545, 0.2798,
0.3551


 6.2421, 0.5191,
0.2824

 57.5832, 0.2756,
0.3595

 5.7691, 0.5526,
0.2881

 65.3321, 0.2721,
0.3636

 5.5628, 0.5705,
0.2916

 73.7157, 0.2692,
0.3672

Harmonies

Analogous

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



19.8154, 0.3151, 0.3074



19.8154, 0.3310, 0.3185



19.8154, 0.3421, 0.3324

Triad

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



19.8154, 0.3310, 0.3185



19.8154, 0.3261, 0.3578



19.8154, 0.2814, 0.3111

Complementary

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



19.8154, 0.3310, 0.3185



23.6852, 0.2972, 0.3398

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.



19.8154, 0.2842, 0.3245



19.8154, 0.3310, 0.3185



19.8154, 0.3097, 0.3520

Square

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



19.8154, 0.3310, 0.3185



19.8154, 0.3391, 0.3553



19.8154, 0.2944, 0.3397



19.8154, 0.2867, 0.3029

Rectangle

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



19.8154, 0.3310, 0.3185



19.8154, 0.3451, 0.3416



19.8154, 0.2944, 0.3397



19.8154, 0.2814, 0.3151

Sweetspot

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



19.8163, 0.3310, 0.3185



41.8228, 0.3174, 0.3261



19.6988, 0.3070, 0.2939



9.2737, 0.3182, 0.3257



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.



19.8163, 0.3310, 0.3185



33.1955, 0.3354, 0.3163



20.6294, 0.3374, 0.3361



5.0717, 0.3237, 0.3225



5.1055, 0.5696, 0.2911



0.0363, 0.4642, 0.2331

Inverse Universe

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



19.8163, 0.3310, 0.3185



33.1955, 0.3354, 0.3163



22.7301, 0.2913, 0.3218



5.0717, 0.3237, 0.3225



5.1055, 0.5696, 0.2911



0.0363, 0.4642, 0.2331

Previews

White Background



This preview shows how the Yxy color 19.8154, 0.3310, 0.3185 looks on a white background.

Color Contrast Check

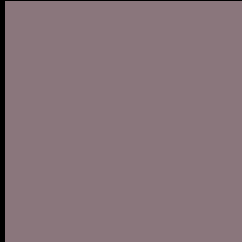
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8154, 0.3310, 0.3185 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 19.8154, 0.3310, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 19.8154, 0.3310, 0.3185.



This preview shows how white text looks on a background with the Yxy color 19.8154, 0.3310, 0.3185.

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

19.8154, 0.3310, 0.3185

Protanopia

19.7365, 0.3095, 0.3198

Deuteranopia

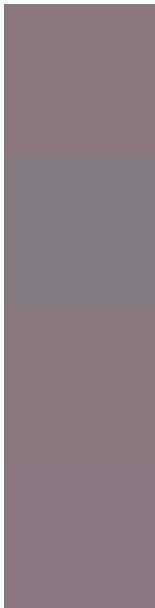
19.7998, 0.3270, 0.3201



Tritanopia

19.8924, 0.3274, 0.3132

Trichromacy



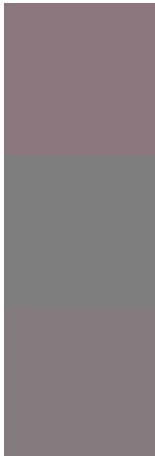
Original Color
19.8154, 0.3310, 0.3185

Protanomaly
19.8482, 0.3168, 0.3199

Deuteranomaly
19.8831, 0.3283, 0.3202

Tritanomaly
19.8665, 0.3286, 0.3150

Monochromacy



Original Color
19.8154, 0.3310, 0.3185

Achromatopsia
20.5079, 0.3127, 0.3290

Achromatomaly
20.1456, 0.3191, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8154, 0.3310, 0.3185 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(138, 118, 124) looks like.

```
.text, #text, p{  
    color:rgb(138, 118, 124)  
}
```

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(138, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 118, 124) }
```

Border

The CSS property to change the border of an element to Yxy 19.8154, 0.3310, 0.3185 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(138, 118, 124) }
```

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

```
.border{ border-color:rgb(138, 118, 124) }
```

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

Here you see how a box with a 4 pixel rgb(138, 118, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(138, 118,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8154, 0.3310, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 118, 124) }
```

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

```
.background{ background-color: rgb(138,  
118, 124) }
```

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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