

Converting Colors

$Y_{xy}(20.1119, 0.3088, 0.3152)$

Have a look what the booklet for
Yxy(20.1119, 0.3088, 0.3152)
contains.

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Color

Yxy(19.9664, 0.3086, 0.3144)

Conversions

Conversions Part 1	
Format	Color
Hex	7E7A82
RGB	126, 122, 130
RGB Percent	49%, 48%, 51%
CMY	0.5057, 0.5216, 0.4902
CMYK	0.03, 0.06, 0.00, 0.49
HSL	270°, 3%, 49%
HSV	270°, 6%, 51%
XYZ	19.5981, 19.9664, 23.9419
YIQ	124.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

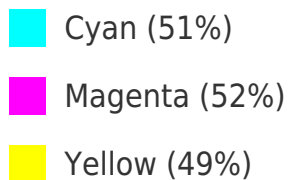
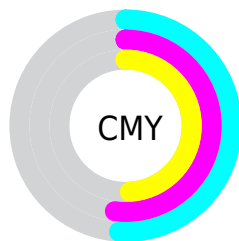
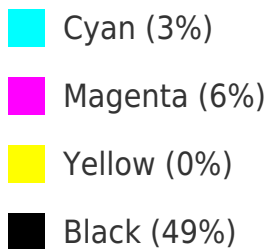
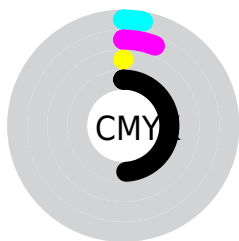
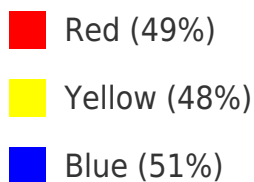
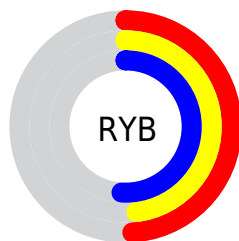
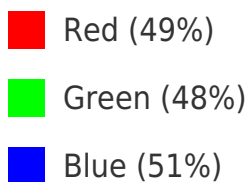
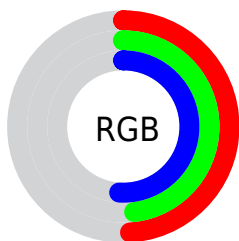
Format	Color
RYB	126, 122, 130
Decimal	8288898
CIELab	51.80, 3.15, -3.82
CIELCh	52, 4.952, 309.520
Yxy	19.9664, 0.3086, 0.3144
Android (android.graphics.Color)	4286478978 (0xFF7E7A82)
YUV	124.1080, 2.9048, 1.6593
Hunter-Lab	44.6838, 0.0925, -0.4894

Details

The Yxy color $19.9664, 0.3086, 0.3144$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $21.8036, 0.3166, 0.3436$, and the grayscale version is $20.1863, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.2747, 0.3098, 0.3171$, and $6.9369, 0.3062, 0.3066$ is the 20% darker color. If you saturate the color by 10%, you get $16.5127, 0.3010, 0.2892$, and if you desaturate by 10%, it is $23.8803, 0.3151, 0.3377$.


Distribution



Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9664, 0.3086, 0.3144 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 19.9664, 0.3086, 0.3144 by changing the saturation by 10% instead.


 19.9664, 0.3086,
0.3144


 19.9664, 0.3086,
0.3144

251.7332, 0.3110,
0.3227


 12.3706, 0.3079,
0.3119


 43.3608, 0.3096,
0.3177

 6.9966, 0.3068,
0.3084


 59.9283, 0.3099,
0.3188

 3.4600, 0.3052,
0.3032


 80.2551, 0.3102,
0.3198

 1.3763, 0.3024,
0.2943

104.7257, 0.3104,
0.3205

 0.1992, 0.2804,
0.2098

133.7243, 0.3106,
0.3212


 0.0000, 0.0000,
0.0000


167.6356, 0.3107,


0.3218


206.8437, 0.3109,
0.3222


 19.9664, 0.3086,
0.3144


 19.9664, 0.3086,
0.3144

 16.5127, 0.3010,
0.2892


 23.8803, 0.3151,
0.3377


 13.4992, 0.2923,
0.2622


 28.2683, 0.3206,
0.3589


 10.9082, 0.2824,
0.2341

 33.1469, 0.3252,
0.3781

 8.7198, 0.2713,
0.2055

 38.5309, 0.3290,
0.3953

 6.9125, 0.2594,
0.1775

 44.4348, 0.3322,
0.4108

■ 5.4627, 0.2469,
0.1514

■ 50.8721, 0.3348,
0.4246

■ 4.3439, 0.2343,
0.1285

■ 57.8561, 0.3370,
0.4369

■ 3.5260, 0.2220,
0.1099

■ 65.3994, 0.3387,
0.4480

■ 2.9573, 0.2106,
0.0960

■ 73.5144, 0.3402,
0.4578

Harmonies

Analogous

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



19.9664, 0.3005, 0.3135



19.9664, 0.3086, 0.3144



19.9664, 0.3179, 0.3190

Triad

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



19.9664, 0.3086, 0.3144



19.9664, 0.3300, 0.3411



19.9664, 0.2997, 0.3316

Complementary

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



19.9664, 0.3086, 0.3144



21.8036, 0.3166, 0.3436

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.



19.9664, 0.3074, 0.3393



19.9664, 0.3086, 0.3144



19.9664, 0.3249, 0.3448

Square

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



19.9664, 0.3086, 0.3144



19.9664, 0.3304, 0.3343



19.9664, 0.3166, 0.3442



19.9664, 0.2954, 0.3233

Rectangle

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



19.9664, 0.3086, 0.3144



19.9664, 0.3235, 0.3237



19.9664, 0.3166, 0.3442



19.9664, 0.3019, 0.3344

Sweetspot

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



19.9673, 0.3086, 0.3144



37.9008, 0.3114, 0.3242



20.6697, 0.3037, 0.3216



8.6012, 0.3115, 0.3246



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.9673, 0.3086, 0.3144



34.5215, 0.3079, 0.3120



20.2745, 0.3134, 0.3146



4.4588, 0.3078, 0.3117



2.6523, 0.2065, 0.0911



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.1677, 0.3180, 0.3219



34.9300, 0.3189, 0.3207



21.5085, 0.3120, 0.3438



4.5125, 0.3190, 0.3206



4.9094, 0.4918, 0.2483



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.9664, 0.3086, 0.3144 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 19.9664, 0.3086, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

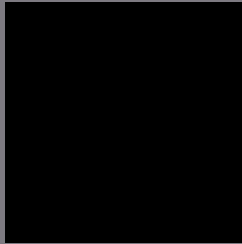
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

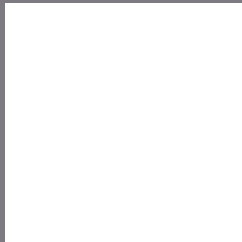
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.9664, 0.3086, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 19.9664, 0.3086, 0.3144.



This preview shows how white text looks on a background with the Yxy color 19.9664, 0.3086, 0.3144.

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

19.9664, 0.3086, 0.3144

Protanopia

20.0627, 0.3061, 0.3162

Deuteranopia

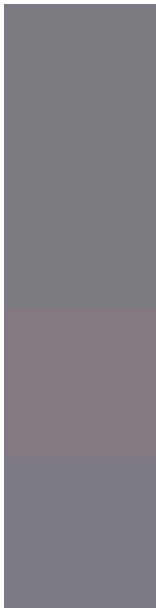
19.9502, 0.3160, 0.3112



Tritanopia

19.9934, 0.3074, 0.3126

Trichromacy



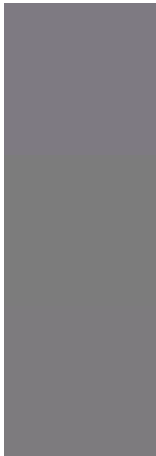
Original Color
19.9664, 0.3086, 0.3144

Protanomaly
20.1376, 0.3073, 0.3162

Deuteranomaly
20.0323, 0.3135, 0.3128

Tritanomaly
19.9934, 0.3074, 0.3126

Monochromacy



Original Color
19.9664, 0.3086, 0.3144

Achromatopsia
20.1556, 0.3127, 0.3290

Achromatomaly
20.0322, 0.3118, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9664, 0.3086, 0.3144 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, 122, 130) looks like.

```
.text, #text, p{  
    color:rgb(126, 122, 130)  
}
```

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, 122, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 122, 130) }
```

Border

The CSS property to change the border of an element to Yxy 19.9664, 0.3086, 0.3144 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, 122, 130) }
```

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

```
.border{ border-color:rgb(126, 122, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 122, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 122, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 122, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 122,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9664, 0.3086, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 122, 130) }
```

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

```
.background{ background-color: rgb(126,  
122, 130) }
```

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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