

Converting Colors

$Y_{xy}(19.7036, 0.3062, 0.3056)$

Have a look what the booklet for
Yxy(19.7036, 0.3062, 0.3056)
contains.

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Color

Yxy(19.6384, 0.3065, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	7F7885
RGB	127, 120, 133
RGB Percent	50%, 47%, 52%
CMY	0.5019, 0.5294, 0.4784
CMYK	0.05, 0.10, 0.00, 0.48
HSL	272°, 5%, 50%
HSV	272°, 10%, 52%
XYZ	19.7027, 19.6384, 24.9417
YIQ	123.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

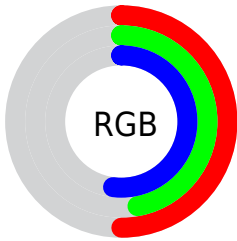
Format	Color
R_{YB}	127, 120, 133
Decimal	8353925
CIE _{Lab}	51.43, 5.29, -6.12
CIE _{LCh}	51, 8.087, 310.807
Yxy	19.6384, 0.3065, 0.3055
Android (android.graphics.Color)	4286544005 (0xFF7F7885)
YUV	123.5750, 4.6465, 3.0037
Hunter-Lab	44.3152, 1.8100, -2.3492

Details

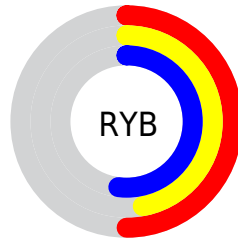
The Yxy color $19.6384, 0.3065, 0.3055$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $22.5663, 0.3185, 0.3526$, and the grayscale version is $19.9921, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.7535, 0.3083, 0.3106$, and $6.8945, 0.3030, 0.2959$ is the 20% darker color. If you saturate the color by 10%, you get $16.2023, 0.2991, 0.2797$, and if you desaturate by 10%, it is $23.5492, 0.3128, 0.3295$.

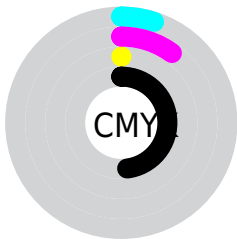
Distribution



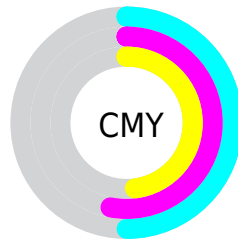
- Red (50%)
- Green (47%)
- Blue (52%)



- Red (50%)
- Yellow (47%)
- Blue (52%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.6384, 0.3065, 0.3055 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 19.6384, 0.3065, 0.3055 by changing the saturation by 10% instead.

■ 19.6384, 0.3065,
0.3055

■ 19.6384, 0.3065,
0.3055

249.9508, 0.3101,
0.3188

■ 12.1325, 0.3054,
0.3016

■ 42.8101, 0.3080,
0.3108

■ 6.8340, 0.3037,
0.2960

■ 59.2447, 0.3085,
0.3126

■ 3.3585, 0.3012,
0.2877

■ 79.4242, 0.3089,
0.3141

■ 1.3216, 0.2967,
0.2738

103.7332, 0.3092,
0.3153

■ 0.1579, 0.2692,
0.1523

132.5559, 0.3095,
0.3164

■ 0.0000, 0.0000,
0.0000

166.2768, 0.3097,

0.3173

205.2803, 0.3099,
0.3181

■ 19.6384, 0.3065,
0.3055

■ 19.6384, 0.3065,
0.3055

■ 16.2023, 0.2991,
0.2797

■ 23.5492, 0.3128,
0.3295

■ 13.2198, 0.2906,
0.2524

■ 27.9499, 0.3182,
0.3516

■ 10.6716, 0.2809,
0.2243

■ 32.8580, 0.3227,
0.3716

■ 8.5363, 0.2703,
0.1962

■ 38.2895, 0.3265,
0.3897

■ 6.7904, 0.2589,
0.1692

■ 44.2596, 0.3296,
0.4059

■ 5.4081, 0.2470,
0.1446

■ 50.7829, 0.3321,
0.4205

■ 4.3604, 0.2351,
0.1237

■ 57.8734, 0.3342,
0.4335

■ 3.6134, 0.2237,
0.1075

■ 65.5446, 0.3359,
0.4451

■ 3.0696, 0.2129,
0.0948

■ 73.8097, 0.3373,
0.4556

Harmonies

Analogous

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



19.6384, 0.2932, 0.3037



19.6384, 0.3065, 0.3055



19.6384, 0.3218, 0.3132

Triad

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



19.6384, 0.3065, 0.3055



19.6384, 0.3410, 0.3491



19.6384, 0.2909, 0.3326

Complementary

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



19.6384, 0.3065, 0.3055



22.5663, 0.3185, 0.3526

Split Complementary

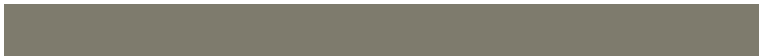
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.6384, 0.3033, 0.3456



19.6384, 0.3065, 0.3055



19.6384, 0.3322, 0.3551

Square

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



19.6384, 0.3065, 0.3055



19.6384, 0.3420, 0.3380



19.6384, 0.3184, 0.3539



19.6384, 0.2843, 0.3189

Rectangle

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



19.6384, 0.3065, 0.3055



19.6384, 0.3310, 0.3208



19.6384, 0.3184, 0.3539



19.6384, 0.2945, 0.3372

Sweetspot

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



19.6392, 0.3065, 0.3055



39.7690, 0.3109, 0.3218



20.6256, 0.2982, 0.3162



8.8413, 0.3104, 0.3201



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.



19.6392, 0.3065, 0.3055



33.5532, 0.3047, 0.2992



20.1014, 0.3143, 0.3068



4.6589, 0.3069, 0.3071



2.9174, 0.2128, 0.0946



0.0145, 0.2597, 0.1204

Inverse Universe

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



19.9262, 0.3220, 0.3183



34.1945, 0.3246, 0.3155



22.1346, 0.3111, 0.3523



4.7218, 0.3213, 0.3190



5.0759, 0.5058, 0.2560



0.0190, 0.4133, 0.2050

Previews

White Background



This preview shows how the Yxy color 19.6384, 0.3065, 0.3055 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 19.6384, 0.3065, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

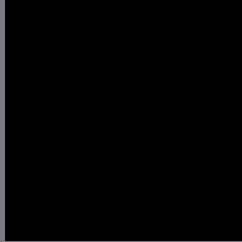
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6384, 0.3065, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 19.6384, 0.3065, 0.3055.



This preview shows how white text looks on a background with the Yxy color 19.6384, 0.3065, 0.3055.

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

19.6384, 0.3065, 0.3055

Protanopia

19.7052, 0.2982, 0.3069

Deuteranopia

19.6329, 0.3102, 0.3039



Tritanopia

19.5567, 0.3099, 0.3108

Trichromacy



Original Color

19.6384, 0.3065, 0.3055

Protanomaly

19.6069, 0.3006, 0.3052

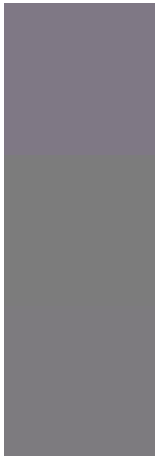
Deuteranomaly

19.5542, 0.3090, 0.3039

Tritanomaly

19.5837, 0.3087, 0.3090

Monochromacy



Original Color

19.6384, 0.3065, 0.3055

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.0582, 0.3106, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6384, 0.3065, 0.3055 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(127, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 133)  
}
```

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(127, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 133) }
```

Border

The CSS property to change the border of an element to Yxy 19.6384, 0.3065, 0.3055 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(127, 120, 133) }
```

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

```
.border{ border-color:rgb(127, 120, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 120, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 120, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 120, 133); box-shadow:4px 4px 4px 4px rgb(127, 120, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6384, 0.3065, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 133) }
```

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

```
.background{ background-color: rgb(127,  
120, 133) }
```

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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