

Converting Colors

$Y_{xy}(19.5337, 0.3026, 0.3006)$

Have a look what the booklet for
Yxy(19.5337, 0.3026, 0.3006)
contains.

Yxy(19.6178, 0.3031, 0.3019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.6178, 0.3031, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	7E7887
RGB	126, 120, 135
RGB Percent	49%, 47%, 53%
CMY	0.5058, 0.5294, 0.4706
CMYK	0.07, 0.11, 0.00, 0.47
HSL	264°, 6%, 50%
HSV	264°, 11%, 53%
XYZ	19.6958, 19.6178, 25.6675
YIQ	123.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

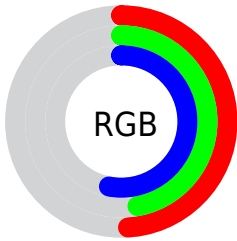
Format	Color
RYB	126, 120, 135
Decimal	8288391
CIELab	51.40, 5.35, -7.34
CIElCh	51, 9.082, 306.108
Yxy	19.6178, 0.3031, 0.3019
Android (android.graphics.Color)	4286478471 (0xFF7E7887)
YUV	123.5040, 5.6675, 2.1890
Hunter-Lab	44.2920, 1.8645, -3.3546

Details

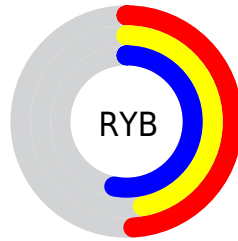
The Yxy color **19.6178, 0.3031, 0.3019** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.3468, 0.3216, 0.3558**, and the grayscale version is **19.9649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7196, 0.3058, 0.3079**, and **6.8684, 0.2994, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **16.0079, 0.2930, 0.2752**, and if you desaturate by 10%, it is **23.7367, 0.3118, 0.3264**.

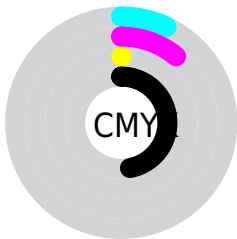
Distribution



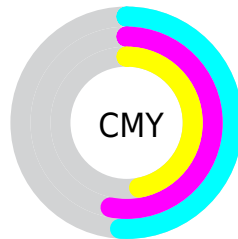
- Red (49%)
- Green (47%)
- Blue (53%)



- Red (49%)
- Yellow (47%)
- Blue (53%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.6178, 0.3031, 0.3019 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 19.6178, 0.3031, 0.3019 by changing the saturation by 10% instead.

■ 19.6178, 0.3031,
0.3019

■ 19.6178, 0.3031,
0.3019

249.8385, 0.3087,
0.3172

■ 12.1175, 0.3014,
0.2974

■ 42.7755, 0.3053,
0.3079

■ 6.8238, 0.2989,
0.2910

■ 59.2016, 0.3061,
0.3101

■ 3.3521, 0.2951,
0.2815

■ 79.3719, 0.3067,
0.3118

■ 1.3182, 0.2884,
0.2656

103.6707, 0.3073,
0.3132

■ 0.1552, 0.2494,
0.1392

132.4823, 0.3077,
0.3144

■ 0.0000, 0.0000,
0.0000

166.1912, 0.3081,

0.3155

205.1818, 0.3084,
0.3164

■ 19.6178, 0.3031,
0.3019

■ 19.6178, 0.3031,
0.3019

■ 16.0079, 0.2930,
0.2752

■ 23.7367, 0.3118,
0.3264

■ 12.8843, 0.2815,
0.2467

■ 28.3813, 0.3193,
0.3487

■ 10.2262, 0.2687,
0.2171

■ 33.5703, 0.3256,
0.3687

■ 8.0105, 0.2548,
0.1871

■ 39.3209, 0.3310,
0.3865

■ 6.2117, 0.2401,
0.1582

■ 45.6497, 0.3355,
0.4024

■ 4.8018, 0.2253,
0.1318

■ 52.5723, 0.3393,
0.4166

■ 3.7494, 0.2109,
0.1095

■ 60.1039, 0.3425,
0.4291

■ 3.0176, 0.1978,
0.0925

■ 68.2591, 0.3451,
0.4403

■ 2.5401, 0.1873,
0.0805

■ 77.0519, 0.3473,
0.4502

Harmonies

Analogous

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



19.6178, 0.2889, 0.3009



19.6178, 0.3031, 0.3019



19.6178, 0.3202, 0.3096

Triad

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



19.6178, 0.3031, 0.3019



19.6178, 0.3453, 0.3498



19.6178, 0.2900, 0.3355

Complementary

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



19.6178, 0.3031, 0.3019



23.3468, 0.3216, 0.3558

Split Complementary

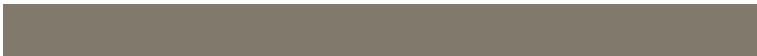
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.6178, 0.3046, 0.3497



19.6178, 0.3031, 0.3019



19.6178, 0.3367, 0.3578

Square

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



19.6178, 0.3031, 0.3019



19.6178, 0.3449, 0.3368



19.6178, 0.3217, 0.3579



19.6178, 0.2815, 0.3198

Rectangle

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



19.6178, 0.3031, 0.3019



19.6178, 0.3310, 0.3176



19.6178, 0.3217, 0.3579



19.6178, 0.2944, 0.3406

Sweetspot

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



19.6186, 0.3031, 0.3019



40.9951, 0.3102, 0.3218



21.4411, 0.2962, 0.3181



9.3618, 0.3096, 0.3200



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.



19.6186, 0.3031, 0.3019



33.6495, 0.3010, 0.2963



20.2081, 0.3121, 0.3027



4.6291, 0.3049, 0.3070



2.3499, 0.1876, 0.0807



0.0122, 0.2368, 0.1078

Inverse Universe

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



20.1667, 0.3209, 0.3132



34.8129, 0.3228, 0.3100



22.7831, 0.3131, 0.3565



4.7320, 0.3193, 0.3161



5.2969, 0.4500, 0.2253



0.0198, 0.3815, 0.1875

Previews

White Background



This preview shows how the Yxy color 19.6178, 0.3031, 0.3019 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 19.6178, 0.3031, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

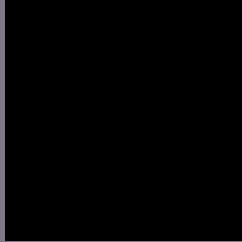
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

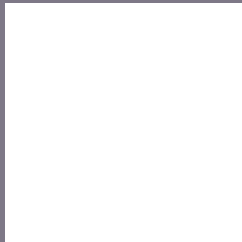
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.6178, 0.3031, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 19.6178, 0.3031, 0.3019.



This preview shows how white text looks on a background with the Yxy color 19.6178, 0.3031, 0.3019.

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

19.6178, 0.3031, 0.3019

Protanopia

19.7616, 0.2961, 0.3034

Deuteranopia

19.6100, 0.3067, 0.3004



Tritanopia

19.6464, 0.3074, 0.3125

Trichromacy



Original Color

19.6178, 0.3031, 0.3019

Protanomaly

19.6633, 0.2984, 0.3017

Deuteranomaly

19.5321, 0.3055, 0.3003

Tritanomaly

19.7007, 0.3052, 0.3089

Monochromacy



Original Color

19.6178, 0.3031, 0.3019

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.0844, 0.3095, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6178, 0.3031, 0.3019 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, 120, 135)` looks like.

```
.text, #text, p{  
    color:rgb(126, 120, 135)  
}
```

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, 120, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 120, 135) }
```

Border

The CSS property to change the border of an element to Yxy 19.6178, 0.3031, 0.3019 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, 120, 135) }
```

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

```
.border{ border-color:rgb(126, 120, 135) }
```

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

Here you see how a box with a 4 pixel rgb(126, 120, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 120, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 120, 135);  
box-shadow:4px 4px 4px 4px rgb(126, 120,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6178, 0.3031, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 120, 135) }
```

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

```
.background{ background-color: rgb(126,  
120, 135) }
```

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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