

Converting Colors

$Y_{xy}(19.7629, 0.3021, 0.3069)$

Have a look what the booklet for
Yxy(19.7629, 0.3021, 0.3069)
contains.

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Color

Yxy(19.6811, 0.3018, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	7C7986
RGB	124, 121, 134
RGB Percent	49%, 47%, 53%
CMY	0.5136, 0.5255, 0.4745
CMYK	0.07, 0.10, 0.00, 0.47
HSL	254°, 5%, 50%
HSV	254°, 10%, 53%
XYZ	19.4555, 19.6811, 25.3282
YIQ	123.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

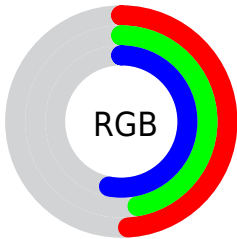
Format	Color
R_{YB}	124, 121, 134
Decimal	8157574
CIE Lab	51.47, 3.83, -6.67
CIE LCh	51, 7.689, 299.892
Yxy	19.6811, 0.3018, 0.3053
Android (android.graphics.Color)	4286347654 (0xFF7C7986)
YUV	123.3790, 5.2362, 0.5446
Hunter-Lab	44.3634, 0.6449, -2.7958

Details

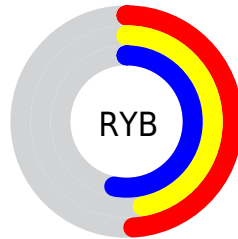
The Yxy color **19.6811, 0.3018, 0.3053** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.2542, 0.3230, 0.3521**, and the grayscale version is **19.9235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8221, 0.3048, 0.3105**, and **6.9010, 0.2975, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **15.9218, 0.2889, 0.2783**, and if you desaturate by 10%, it is **23.9743, 0.3130, 0.3297**.

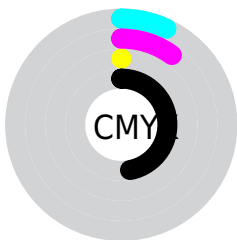
Distribution



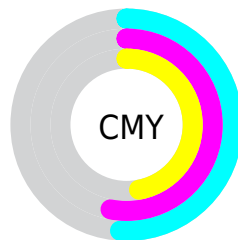
- Red (49%)
- Green (47%)
- Blue (53%)



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



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.6811, 0.3018, 0.3053 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 19.6811, 0.3018, 0.3053 by changing the saturation by 10% instead.

■ 19.6811, 0.3018,
0.3053

■ 19.6811, 0.3018,
0.3053

250.1835, 0.3081,
0.3187

■ 12.1634, 0.2999,
0.3013

■ 42.8819, 0.3043,
0.3106

■ 6.8551, 0.2971,
0.2957

■ 59.3338, 0.3052,
0.3125

■ 3.3716, 0.2929,
0.2872

■ 79.5326, 0.3059,
0.3140

■ 1.3287, 0.2856,
0.2731

103.8626, 0.3065,
0.3152

■ 0.1633, 0.2356,
0.1546

132.7084, 0.3070,
0.3163

■ 0.0000, 0.0000,
0.0000

166.4541, 0.3074,

0.3172

205.4844, 0.3078,
0.3180

■ 19.6811, 0.3018,
0.3053

■ 19.6811, 0.3018,
0.3053

■ 15.9218, 0.2889,
0.2783

■ 23.9743, 0.3130,
0.3297

■ 12.6730, 0.2744,
0.2489

■ 28.8188, 0.3227,
0.3514

■ 9.9130, 0.2584,
0.2177

■ 34.2341, 0.3310,
0.3707

■ 7.6179, 0.2412,
0.1857

■ 40.2381, 0.3381,
0.3876

■ 5.7616, 0.2235,
0.1543

■ 46.8479, 0.3442,
0.4025

■ 4.3152, 0.2060,
0.1254

■ 54.0799, 0.3493,
0.4156

■ 3.2464, 0.1899,
0.1007

■ 61.9500, 0.3537,
0.4270

■ 2.5181, 0.1762,
0.0821

■ 70.4732, 0.3574,
0.4371

■ 2.0295, 0.1651,
0.0685

■ 79.6644, 0.3606,
0.4460

Harmonies

Analogous

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



19.6811, 0.2907, 0.3058



19.6811, 0.3018, 0.3053



19.6811, 0.3161, 0.3108

Triad

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



19.6811, 0.3018, 0.3053



19.6811, 0.3408, 0.3447



19.6811, 0.2958, 0.3372

Complementary

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



19.6811, 0.3018, 0.3053



23.2542, 0.3230, 0.3521

Split Complementary

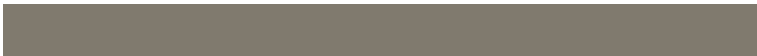
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.6811, 0.3089, 0.3483



19.6811, 0.3018, 0.3053



19.6811, 0.3350, 0.3524

Square

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



19.6811, 0.3018, 0.3053



19.6811, 0.3389, 0.3331



19.6811, 0.3233, 0.3539



19.6811, 0.2872, 0.3240

Rectangle

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



19.6811, 0.3018, 0.3053



19.6811, 0.3255, 0.3171



19.6811, 0.3233, 0.3539



19.6811, 0.2998, 0.3413

Sweetspot

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



19.6819, 0.3018, 0.3053



39.5916, 0.3094, 0.3218



22.0680, 0.2983, 0.3239



8.7920, 0.3086, 0.3200



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.



19.6819, 0.3018, 0.3053



32.8944, 0.2987, 0.2986



20.1658, 0.3093, 0.3059



4.5931, 0.3025, 0.3068



1.8938, 0.1650, 0.0683



0.0094, 0.2044, 0.0900

Inverse Universe

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



20.3800, 0.3173, 0.3114



34.4268, 0.3186, 0.3066



22.7672, 0.3158, 0.3526



4.7448, 0.3170, 0.3125



5.6649, 0.3880, 0.1911



0.0207, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 19.6811, 0.3018, 0.3053 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 19.6811, 0.3018, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

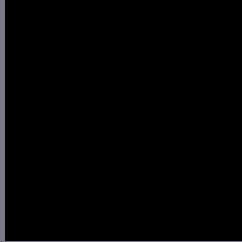
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

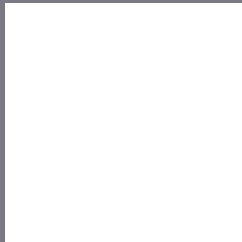
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.6811, 0.3018, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 19.6811, 0.3018, 0.3053.



This preview shows how white text looks on a background with the Yxy color 19.6811, 0.3018, 0.3053.

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

19.6811, 0.3018, 0.3053

Protanopia

19.7333, 0.2972, 0.3051

Deuteranopia

19.5820, 0.3078, 0.3021



Tritanopia

19.5985, 0.3051, 0.3107

Trichromacy



Original Color

19.6811, 0.3018, 0.3053

Protanomaly

19.8059, 0.2983, 0.3052

Deuteranomaly

19.6662, 0.3054, 0.3037

Tritanomaly

19.6258, 0.3040, 0.3089

Monochromacy



Original Color

19.6811, 0.3018, 0.3053

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.6623, 0.3083, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6811, 0.3018, 0.3053 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(124, 121, 134)` looks like.

```
.text, #text, p{  
    color:rgb(124, 121, 134)  
}
```

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(124, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 121, 134) }
```

Border

The CSS property to change the border of an element to Yxy 19.6811, 0.3018, 0.3053 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(124, 121, 134) }
```

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

```
.border{ border-color:rgb(124, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(124, 121,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6811, 0.3018, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 121, 134) }
```

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

```
.background{ background-color: rgb(124,  
121, 134) }
```

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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