

Converting Colors

$Yxy(19.3947, 0.2609, 0.2550)$

Have a look what the booklet for
Yxy(19.3947, 0.2609, 0.2550)
contains.

Yxy(19.4863, 0.2611, 0.2554)	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(19.4863, 0.2611, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	7078A2
RGB	112, 120, 162
RGB Percent	44%, 47%, 64%
CMY	0.5607, 0.5294, 0.3647
CMYK	0.31, 0.26, 0.00, 0.36
HSL	230°, 21%, 54%
HSV	230°, 31%, 64%
XYZ	19.9212, 19.4863, 36.8897
YIQ	122.3960, -18.2500, 11.3660

Conversions

Conversions Part 2

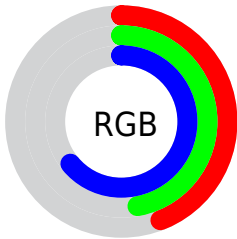
Format	Color
R_{YB}	112, 119, 162
Decimal	7370914
CIE Lab	51.25, 7.13, -23.48
CIE LCh	51, 24.534, 286.889
Yxy	19.4863, 0.2611, 0.2554
Android (android.graphics.Color)	4285560994 (0xFF7078A2)
YUV	122.3960, 19.5248, -9.1173
Hunter-Lab	44.1433, 3.3036, -18.6472

Details

The Yxy color **19.4863, 0.2611, 0.2554** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **31.9664, 0.3614, 0.3932**, and the grayscale version is **19.5389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5141, 0.2727, 0.2710**, and **6.7847, 0.2406, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **15.4733, 0.2419, 0.2266**, and if you desaturate by 10%, it is **24.1576, 0.2793, 0.2820**.

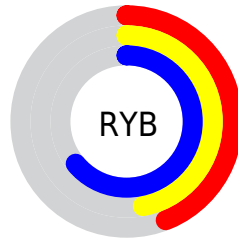
Distribution



Red (44%)

Green (47%)

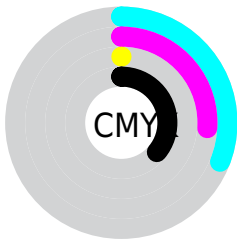
Blue (64%)



Red (44%)

Yellow (47%)

Blue (64%)

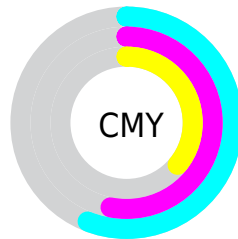


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.4863, 0.2611, 0.2554 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 19.4863, 0.2611, 0.2554 by changing the saturation by 10% instead.

■ 19.4863, 0.2611,
0.2554

■ 19.4863, 0.2611,
0.2554

■ 249.1204, 0.2904,
0.2961

■ 12.0222, 0.2525,
0.2439

■ 42.5542, 0.2727,
0.2712

■ 6.7588, 0.2405,
0.2282

■ 58.9268, 0.2767,
0.2768

■ 3.3117, 0.2230,
0.2060

■ 79.0377, 0.2800,
0.2814

■ 1.2966, 0.1953,
0.1722

■ 103.2713, 0.2828,
0.2853

■ 0.1385, 0.1225,
0.0555

■ 132.0120, 0.2851,
0.2886

■ 0.0000, 0.0000,
0.0000

165.6441, 0.2871,

0.2914

204.5521, 0.2889,
0.2939

■ 19.4863, 0.2611,
0.2554

■ 19.4863, 0.2611,
0.2554

■ 15.4733, 0.2419,
0.2266

■ 24.1576, 0.2793,
0.2820

■ 12.0864, 0.2224,
0.1963

■ 29.5127, 0.2962,
0.3060

■ 9.2942, 0.2034,
0.1658

■ 35.5786, 0.3115,
0.3273

■ 7.0618, 0.1861,
0.1365

■ 42.3801, 0.3252,
0.3460

■ 5.3502, 0.1716,
0.1105

■ 49.9411, 0.3375,
0.3624

■ 4.1154, 0.1609,
0.0892

■ 58.2839, 0.3483,
0.3765

■ 3.3412, 0.1541,
0.0748

■ 67.4303, 0.3579,
0.3888

■ 77.4010, 0.3664,
0.3994

■ 87.6787, 0.3718,
0.4092

Harmonies

Analogous

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



19.4863, 0.2356, 0.2627



19.4863, 0.2611, 0.2554



19.4863, 0.3018, 0.2652

Triad

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



19.4863, 0.2611, 0.2554



19.4863, 0.4042, 0.3593



19.4863, 0.2746, 0.3740

Complementary

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



19.4863, 0.2611, 0.2554



31.9664, 0.3614, 0.3932

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.



19.4863, 0.3183, 0.4054



19.4863, 0.2611, 0.2554



19.4863, 0.3944, 0.3920

Square

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



19.4863, 0.2611, 0.2554



19.4863, 0.3872, 0.3225



19.4863, 0.3623, 0.4108



19.4863, 0.2427, 0.3290

Rectangle

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



19.4863, 0.2611, 0.2554



19.4863, 0.3331, 0.2798



19.4863, 0.3623, 0.4108



19.4863, 0.2884, 0.3869

Sweetspot

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



19.4871, 0.2611, 0.2554



55.3399, 0.2988, 0.3098



31.6058, 0.2756, 0.3428



12.1001, 0.2966, 0.3066



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.4871, 0.2611, 0.2554



30.2595, 0.2480, 0.2358



18.8430, 0.2774, 0.2452



7.0342, 0.2987, 0.3095



2.6762, 0.1544, 0.0758



0.1051, 0.1688, 0.1277

Inverse Universe

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



20.6293, 0.3694, 0.3164



32.8837, 0.3877, 0.3135



33.0584, 0.3409, 0.4086



7.1036, 0.3261, 0.3254



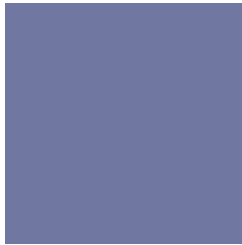
6.1143, 0.6137, 0.3154



0.1334, 0.5359, 0.2726

Previews

White Background



This preview shows how the Yxy color 19.4863, 0.2611, 0.2554 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 19.4863, 0.2611, 0.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

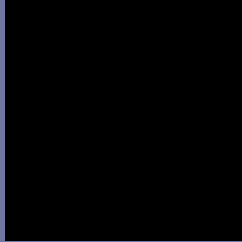
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4863, 0.2611, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 19.4863, 0.2611, 0.2554.



This preview shows how white text looks on a background with the Yxy color 19.4863, 0.2611, 0.2554.

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

19.4863, 0.2611, 0.2554

Protanopia

19.3566, 0.2591, 0.2550

Deuteranopia

19.4863, 0.2611, 0.2554



Tritanopia

19.4807, 0.2807, 0.3098

Trichromacy



Original Color

19.4863, 0.2611, 0.2554

Protanomaly

19.4211, 0.2601, 0.2552

Deuteranomaly

19.4863, 0.2611, 0.2554

Tritanomaly

19.3984, 0.2729, 0.2881

Monochromacy



Original Color

19.4863, 0.2611, 0.2554

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.3324, 0.2916, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4863, 0.2611, 0.2554 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(112, 120, 162)` looks like.

```
.text, #text, p{  
    color:rgb(112, 120, 162)  
}
```

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(112, 120, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 120, 162) }
```

Border

The CSS property to change the border of an element to Yxy 19.4863, 0.2611, 0.2554 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(112, 120, 162) }
```

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

```
.border{ border-color:rgb(112, 120, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 120, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 120, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 120, 162);  
box-shadow:4px 4px 4px 4px rgb(112, 120,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4863, 0.2611, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 120, 162) }
```

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

```
.background{ background-color: rgb(112,  
120, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor