

Converting Colors

$Y_{xy}(19.1895, 0.2543, 0.1902)$

Have a look what the booklet for
Yxy(19.1895, 0.2543, 0.1902)
contains.

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Color

Yxy(19.2667, 0.2550, 0.1912)

Conversions

Conversions Part 1

Format	Color
Hex	8B67C6
RGB	139, 103, 198
RGB Percent	55%, 40%, 78%
CMY	0.4548, 0.5961, 0.2234
CMYK	0.30, 0.48, 0.00, 0.22
HSL	263°, 45%, 59%
HSV	263°, 48%, 78%
XYZ	25.6957, 19.2667, 55.8049
YIQ	124.5940, -9.0390, 37.1770

Conversions

Conversions Part 2

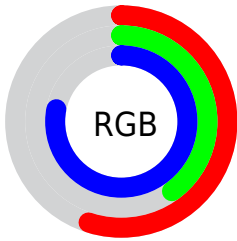
Format	Color
R _Y B	139, 103, 198
Decimal	9136070
CIE Lab	51.00, 34.52, -44.54
CIE LCh	51, 56.352, 307.776
Yxy	19.2667, 0.2550, 0.1912
Android (android.graphics.Color)	4287326150 (0xFF8B67C6)
YUV	124.5940, 36.1892, 12.6341
Hunter-Lab	43.8938, 27.6804, -44.6533

Details

The Yxy color **19.2667, 0.2550, 0.1912** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **49.0583, 0.3511, 0.4588**, and the grayscale version is **20.2443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2648, 0.2687, 0.2172**, and **6.6773, 0.2308, 0.1519** is the 20% darker color. If you saturate the color by 10%, you get **14.7846, 0.2395, 0.1608**, and if you desaturate by 10%, it is **24.8020, 0.2697, 0.2224**.

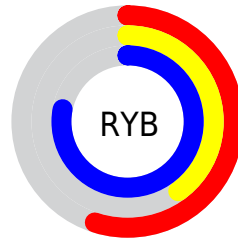
Distribution



Red (55%)

Green (40%)

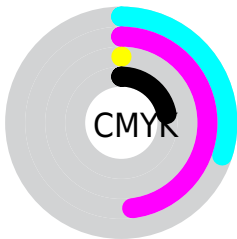
Blue (78%)



Red (55%)

Yellow (40%)

Blue (78%)

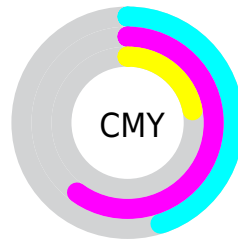


Cyan (30%)

Magenta (48%)

Yellow (0%)

Black (22%)



Cyan (45%)


Magenta (60%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2667, 0.2550, 0.1912 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 19.2667, 0.2550, 0.1912 by changing the saturation by 10% instead.


 19.2667, 0.2550,
0.1912


 19.2667, 0.2550,
0.1912


247.9172, 0.2886,
0.2616


 11.8631, 0.2451,
0.1739


 42.1843, 0.2683,
0.2168

 6.6506, 0.2317,
0.1521


 58.4671, 0.2730,
0.2264

 3.2445, 0.2127,
0.1243

 78.4784, 0.2768,
0.2345

 1.2607, 0.1845,
0.0890

 102.6027, 0.2800,
0.2415

 0.1105, 0.1455,
0.0169

131.2244, 0.2827,
0.2476

 0.0000, 0.0000,
0.0000

164.7277, 0.2850,

0.2528

203.4972, 0.2869,
0.2575

■ 19.2667, 0.2550,
0.1912

■ 19.2667, 0.2550,
0.1912

■ 14.7846, 0.2395,
0.1608

■ 24.8020, 0.2697,
0.2224

■ 11.2827, 0.2237,
0.1329

■ 31.4523, 0.2831,
0.2530

■ 8.6818, 0.2085,
0.1092

■ 39.2774, 0.2950,
0.2822

■ 6.8886, 0.1947,
0.0911

■ 48.3317, 0.3054,
0.3092

■ 5.7657, 0.1829,
0.0790

■ 58.6665, 0.3144,
0.3337

■ 5.5778, 0.1807,
0.0769

■ 70.3299, 0.3220,
0.3559

■ 83.3677, 0.3285,
0.3756

■ 93.6671, 0.3348,
0.3872

■ 95.8607, 0.3430,
0.3856

Harmonies

Analogous

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



19.2667, 0.1841, 0.1792



19.2667, 0.2550, 0.1912



19.2667, 0.3576, 0.2286

Triad

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



19.2667, 0.2550, 0.1912



19.2667, 0.4994, 0.4244



19.2667, 0.1770, 0.3549

Complementary

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



19.2667, 0.2550, 0.1912



49.0583, 0.3511, 0.4588

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.



19.2667, 0.2474, 0.4732



19.2667, 0.2550, 0.1912



19.2667, 0.4327, 0.4933

Square

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



19.2667, 0.2550, 0.1912



19.2667, 0.5152, 0.3525



19.2667, 0.3412, 0.5260



19.2667, 0.1452, 0.2525

Rectangle

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



19.2667, 0.2550, 0.1912



19.2667, 0.4298, 0.2650



19.2667, 0.3412, 0.5260



19.2667, 0.1965, 0.3962

Sweetspot

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



19.2674, 0.2550, 0.1912



75.3359, 0.2991, 0.2926



33.2186, 0.2400, 0.2758



15.3978, 0.2968, 0.2866



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



19.2674, 0.2550, 0.1912



25.5620, 0.2381, 0.1582



24.1346, 0.3042, 0.2089



10.4802, 0.3041, 0.3055



3.6719, 0.1821, 0.0777



0.2153, 0.2064, 0.0911

Inverse Universe

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



24.3153, 0.3610, 0.2532



35.9160, 0.3771, 0.2384



45.0679, 0.3143, 0.4753



10.7458, 0.3194, 0.3148



8.7535, 0.4441, 0.2220



0.4283, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 19.2667, 0.2550, 0.1912 looks on a white background.

Color Contrast Check

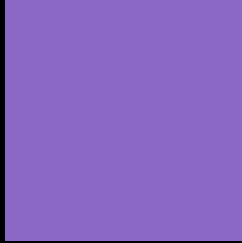
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2667, 0.2550, 0.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

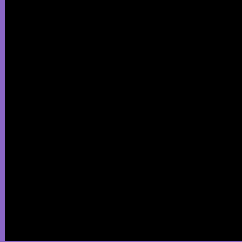
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2667, 0.2550, 0.1912

Background



This preview shows how black text looks on a background with the Yxy color 19.2667, 0.2550, 0.1912.



This preview shows how white text looks on a background with the Yxy color 19.2667, 0.2550, 0.1912.

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

19.2667, 0.2550, 0.1912

Protanopia

19.4232, 0.2035, 0.1820

Deuteranopia

19.5196, 0.2145, 0.2093



Tritanopia

19.2143, 0.3099, 0.3107

Trichromacy



Original Color

19.2667, 0.2550, 0.1912

Protanomaly

19.1310, 0.2179, 0.1840

Deuteranomaly

18.9683, 0.2259, 0.2008

Tritanomaly

18.9686, 0.2883, 0.2592

Monochromacy



Original Color

19.2667, 0.2550, 0.1912

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7354, 0.2894, 0.2690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2667, 0.2550, 0.1912 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(139, 103, 198)` looks like.

```
.text, #text, p{  
    color:rgb(139, 103, 198)  
}
```

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(139, 103, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 103, 198) }
```

Border

The CSS property to change the border of an element to Yxy 19.2667, 0.2550, 0.1912 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(139, 103, 198) }
```

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

```
.border{ border-color:rgb(139, 103, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 103, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 103, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 103, 198);  
box-shadow:4px 4px 4px 4px rgb(139, 103,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2667, 0.2550, 0.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 103, 198) }
```

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

```
.background{ background-color: rgb(139,  
103, 198) }
```

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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