

Converting Colors

$Y_{xy}(19.5341, 0.2762, 0.2573)$

Have a look what the booklet for
Yxy(19.5341, 0.2762, 0.2573)
contains.

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Color

Yxy(19.5109, 0.2758, 0.2570)

Conversions

Conversions Part 1

Format	Color
Hex	7C759F
RGB	124, 117, 159
RGB Percent	49%, 46%, 62%
CMY	0.5135, 0.5412, 0.3764
CMYK	0.22, 0.26, 0.00, 0.38
HSL	250°, 18%, 54%
HSV	250°, 26%, 62%
XYZ	20.9382, 19.5109, 35.4688
YIQ	123.8810, -9.3100, 14.5460

Conversions

Conversions Part 2

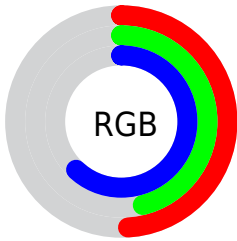
Format	Color
R_{YB}	124, 117, 159
Decimal	8156575
CIE _{Lab}	51.28, 11.98, -21.61
CIE _{LCh}	51, 24.710, 298.990
Yxy	19.5109, 0.2758, 0.2570
Android (android.graphics.Color)	4286346655 (0xFF7C759F)
YUV	123.8810, 17.3137, 0.1044
Hunter-Lab	44.1711, 7.3137, -16.6893

Details

The Yxy color **19.5109, 0.2758, 0.2570** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.7543, 0.3442, 0.3949**, and the grayscale version is **20.0606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5781, 0.2840, 0.2720**, and **6.7736, 0.2605, 0.2320** is the 20% darker color. If you saturate the color by 10%, you get **15.1955, 0.2587, 0.2252**, and if you desaturate by 10%, it is **24.5894, 0.2912, 0.2865**.

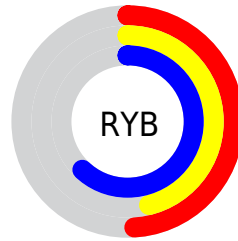
Distribution



Red (49%)

Green (46%)

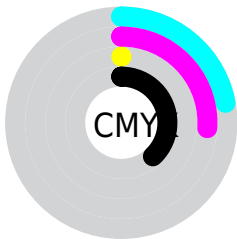
Blue (62%)



Red (49%)

Yellow (46%)

Blue (62%)

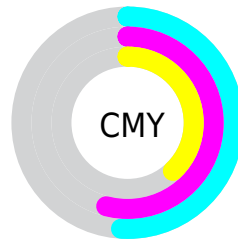


Cyan (22%)

Magenta (26%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5109, 0.2758, 0.2570 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 19.5109, 0.2758, 0.2570 by changing the saturation by 10% instead.

■ 19.5109, 0.2758,
0.2570

■ 19.5109, 0.2758,
0.2570

■ 249.2549, 0.2971,
0.2965

■ 12.0400, 0.2694,
0.2459

■ 42.5956, 0.2843,
0.2723

■ 6.7709, 0.2603,
0.2308

■ 58.9783, 0.2872,
0.2777

■ 3.3193, 0.2468,
0.2093

■ 79.1003, 0.2896,
0.2822

■ 1.3006, 0.2248,
0.1768

■ 103.3461, 0.2916,
0.2860

■ 0.1417, 0.1766,
0.0586

■ 132.1001, 0.2933,
0.2892

■ 0.0000, 0.0000,
0.0000

165.7466, 0.2947,

0.2920

204.6701, 0.2960,
0.2944

■ 19.5109, 0.2758,
0.2570

■ 19.5109, 0.2758,
0.2570

■ 15.1955, 0.2587,
0.2252

■ 24.5894, 0.2912,
0.2865

■ 11.6040, 0.2403,
0.1921

■ 30.4632, 0.3049,
0.3133

■ 8.6968, 0.2214,
0.1592

■ 37.1654, 0.3168,
0.3372

■ 6.4299, 0.2028,
0.1283

■ 44.7266, 0.3270,
0.3583

■ 4.7541, 0.1858,
0.1018

■ 53.1758, 0.3358,
0.3768

■ 3.6126, 0.1716,
0.0815

■ 62.5406, 0.3433,
0.3929

■ 2.9256, 0.1611,
0.0683

■ 72.8474, 0.3497,
0.4070

■ 2.7334, 0.1581,
0.0644

■ 84.1217, 0.3551,
0.4192

■ 93.0936, 0.3612,
0.4256

Harmonies

Analogous

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



19.5109, 0.2433, 0.2571



19.5109, 0.2758, 0.2570



19.5109, 0.3206, 0.2730

Triad

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



19.5109, 0.2758, 0.2570



19.5109, 0.4041, 0.3737



19.5109, 0.2595, 0.3566

Complementary

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



19.5109, 0.2758, 0.2570



32.7543, 0.3442, 0.3949

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.



19.5109, 0.2998, 0.3960



19.5109, 0.2758, 0.2570



19.5109, 0.3841, 0.4023

Square

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



19.5109, 0.2758, 0.2570



19.5109, 0.3978, 0.3373



19.5109, 0.3455, 0.4125



19.5109, 0.2343, 0.3110

Rectangle

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



19.5109, 0.2758, 0.2570



19.5109, 0.3519, 0.2910



19.5109, 0.3455, 0.4125



19.5109, 0.2716, 0.3714

Sweetspot

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



19.5117, 0.2758, 0.2570



52.6332, 0.3027, 0.3089



28.7435, 0.2739, 0.3172



11.5119, 0.3008, 0.3051



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



19.5117, 0.2758, 0.2570



30.0067, 0.2654, 0.2376



21.2425, 0.2993, 0.2617



6.4862, 0.3012, 0.3061



2.1717, 0.1586, 0.0648



0.0520, 0.1886, 0.0813

Inverse Universe

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



22.3561, 0.3238, 0.2750



36.0493, 0.3270, 0.2622



30.9094, 0.3228, 0.3996



6.7354, 0.3162, 0.3106



7.1482, 0.3675, 0.1798



0.1325, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 19.5109, 0.2758, 0.2570 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 19.5109, 0.2758, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

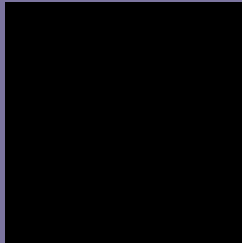
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5109, 0.2758, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 19.5109, 0.2758, 0.2570.



This preview shows how white text looks on a background with the Yxy color 19.5109, 0.2758, 0.2570.

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

19.5109, 0.2758, 0.2570

Protanopia

19.6629, 0.2603, 0.2570

Deuteranopia

19.5464, 0.2676, 0.2621



Tritanopia

19.5069, 0.2981, 0.3104

Trichromacy



Original Color

19.5109, 0.2758, 0.2570

Protanomaly

19.7192, 0.2660, 0.2577

Deuteranomaly

19.5138, 0.2706, 0.2609

Tritanomaly

19.4509, 0.2897, 0.2892

Monochromacy



Original Color

19.5109, 0.2758, 0.2570

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.7660, 0.2985, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5109, 0.2758, 0.2570 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, 117, 159)` looks like.

```
.text, #text, p{  
    color:rgb(124, 117, 159)  
}
```

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, 117, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 117, 159) }
```

Border

The CSS property to change the border of an element to Yxy 19.5109, 0.2758, 0.2570 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, 117, 159) }
```

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

```
.border{ border-color:rgb(124, 117, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 117, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 117, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 117, 159);  
box-shadow:4px 4px 4px 4px rgb(124, 117,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5109, 0.2758, 0.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 117, 159) }
```

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

```
.background{ background-color: rgb(124,  
117, 159) }
```

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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