

Converting Colors

$Y_{xy}(26.2945, 0.2832, 0.2369)$

Have a look what the booklet for
Yxy(26.2945, 0.2832, 0.2369)
contains.

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Color

Yxy(26.3554, 0.2828, 0.2373)

Conversions

Conversions Part 1

Format	Color
Hex	9F7FC0
RGB	159, 127, 192
RGB Percent	62%, 50%, 75%
CMY	0.3763, 0.5020, 0.2471
CMYK	0.17, 0.34, 0.00, 0.25
HSL	270°, 34%, 63%
HSV	270°, 34%, 75%
XYZ	31.4088, 26.3554, 53.2994
YIQ	143.9780, -1.7930, 26.9990

Conversions

Conversions Part 2

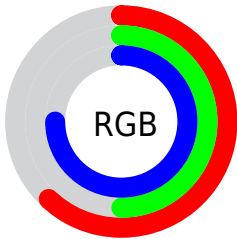
Format	Color
RYB	159, 127, 192
Decimal	10452928
CIELab	58.37, 25.11, -29.39
CIELCh	58, 38.657, 310.504
Yxy	26.3554, 0.2828, 0.2373
Android (android.graphics.Color)	4288643008 (0xFF9F7FC0)
YUV	143.9780, 23.6748, 13.1743
Hunter-Lab	51.3375, 19.3674, -25.6196

Details

The Yxy color **26.3554, 0.2828, 0.2373** is a light color, and the websafe version is hex **996699**. A complement of this color would be **46.6970, 0.3348, 0.4207**, and the grayscale version is **27.7861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7782, 0.2888, 0.2540**, and **10.2069, 0.2707, 0.2095** is the 20% darker color. If you saturate the color by 10%, you get **20.9052, 0.2712, 0.2076**, and if you desaturate by 10%, it is **32.8311, 0.2932, 0.2663**.

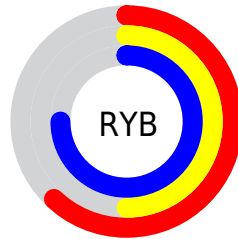
Distribution



Red (62%)

Green (50%)

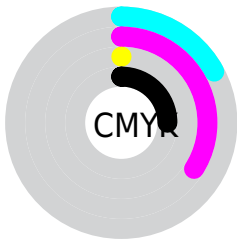
Blue (75%)



Red (62%)

Yellow (50%)

Blue (75%)

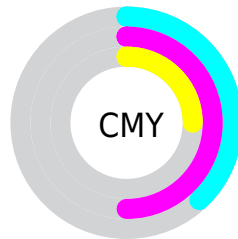


Cyan (17%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (38%)


Magenta (50%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3554, 0.2828, 0.2373 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 26.3554, 0.2828, 0.2373 by changing the saturation by 10% instead.

 26.3554, 0.2828,
0.2373


 26.3554, 0.2828,
0.2373

284.5224, 0.2998,
0.2842


 17.0897, 0.2779,
0.2254


 53.8477, 0.2895,
0.2545

 10.2985, 0.2711,
0.2102


 72.8432, 0.2919,
0.2609

 5.5973, 0.2614,
0.1900


 95.8506, 0.2938,
0.2663

 2.6018, 0.2466,
0.1622

123.2546, 0.2954,
0.2709

 0.9276, 0.2218,
0.1227

155.4393, 0.2968,
0.2749

 0.0000, 0.1695,
0.0000

192.7892, 0.2979,

 0.0000, 0.0000,

0.2784

0.0000

235.6888, 0.2989,
0.2814

■ 26.3554, 0.2828,
0.2373

■ 26.3554, 0.2828,
0.2373

■ 20.9052, 0.2712,
0.2076

■ 32.8311, 0.2932,
0.2663

■ 16.4214, 0.2587,
0.1785

■ 40.3802, 0.3022,
0.2940

■ 12.8442, 0.2455,
0.1512

■ 49.0517, 0.3100,
0.3196

■ 10.1051, 0.2321,
0.1273

■ 58.8904, 0.3167,
0.3432

■ 8.1256, 0.2193,
0.1081

■ 69.9388, 0.3222,
0.3645

■ 6.8112, 0.2074,
0.0944

■ 82.2370, 0.3269,
0.3837

■ 6.2224, 0.2008,
0.0880

■ 91.6828, 0.3316,
0.3949

■ 93.3115, 0.3381,
0.3935

■ 95.0311, 0.3446,
0.3921

Harmonies

Analogous

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



26.3554, 0.2313, 0.2279



26.3554, 0.2828, 0.2373



26.3554, 0.3487, 0.2656

Triad

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



26.3554, 0.2828, 0.2373



26.3554, 0.4333, 0.4050



26.3554, 0.2222, 0.3414

Complementary

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



26.3554, 0.2828, 0.2373



46.6970, 0.3348, 0.4207

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.



26.3554, 0.2697, 0.4075



26.3554, 0.2828, 0.2373



26.3554, 0.3920, 0.4408

Square

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



26.3554, 0.2828, 0.2373



26.3554, 0.4412, 0.3568



26.3554, 0.3318, 0.4459



26.3554, 0.1993, 0.2798

Rectangle

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



26.3554, 0.2828, 0.2373



26.3554, 0.3913, 0.2926



26.3554, 0.3318, 0.4459



26.3554, 0.2356, 0.3644

Sweetspot

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



26.3565, 0.2828, 0.2373



78.7427, 0.3053, 0.3037



33.6579, 0.2592, 0.2821



16.4281, 0.3041, 0.3000



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.3565, 0.2828, 0.2373



39.9032, 0.2739, 0.2142



30.0457, 0.3155, 0.2458



9.9864, 0.3059, 0.3057



4.2333, 0.2020, 0.0887



0.2239, 0.2269, 0.1024

Inverse Universe

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



28.9166, 0.3513, 0.2849



45.4509, 0.3639, 0.2746



43.8249, 0.3089, 0.4285



10.1612, 0.3211, 0.3174



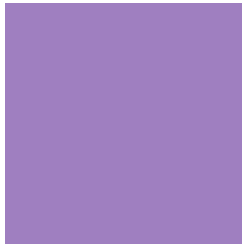
8.1411, 0.4909, 0.2478



0.3657, 0.4430, 0.2214

Previews

White Background



This preview shows how the Yxy color 26.3554, 0.2828, 0.2373 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 26.3554, 0.2828, 0.2373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

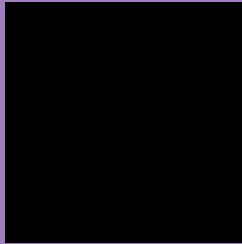
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3554, 0.2828, 0.2373

Background



This preview shows how black text looks on a background with the Yxy color 26.3554, 0.2828, 0.2373.



This preview shows how white text looks on a background with the Yxy color 26.3554, 0.2828, 0.2373.

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

26.3554, 0.2828, 0.2373

Protanopia

26.4590, 0.2437, 0.2344

Deuteranopia

26.6950, 0.2564, 0.2509



Tritanopia

26.3903, 0.3191, 0.3116

Trichromacy



Original Color

26.3554, 0.2828, 0.2373

Protanomaly

26.2783, 0.2564, 0.2347

Deuteranomaly

26.5785, 0.2654, 0.2456

Tritanomaly

26.3880, 0.3061, 0.2833

Monochromacy



Original Color

26.3554, 0.2828, 0.2373

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1397, 0.3017, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3554, 0.2828, 0.2373 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(159, 127, 192)` looks like.

```
.text, #text, p{  
    color:rgb(159, 127, 192)  
}
```

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(159, 127, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 127, 192) }
```

Border

The CSS property to change the border of an element to Yxy 26.3554, 0.2828, 0.2373 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(159, 127, 192) }
```

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

```
.border{ border-color:rgb(159, 127, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 127, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 127, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 127, 192);  
box-shadow:4px 4px 4px 4px rgb(159, 127,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3554, 0.2828, 0.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 127, 192) }
```

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

```
.background{ background-color: rgb(159,  
127, 192) }
```

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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