

Converting Colors

$Y_{xy}(25.9494, 0.2778, 0.2372)$

Have a look what the booklet for
Yxy(25.9494, 0.2778, 0.2372)
contains.

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Color

Yxy(26.1141, 0.2779, 0.2375)

Conversions

Conversions Part 1

Format	Color
Hex	9A80C0
RGB	154, 128, 192
RGB Percent	60%, 50%, 75%
CMY	0.3961, 0.4980, 0.2472
CMYK	0.20, 0.33, 0.00, 0.25
HSL	264°, 34%, 63%
HSV	264°, 33%, 75%
XYZ	30.5562, 26.1141, 53.2838
YIQ	143.0700, -5.0480, 25.4160

Conversions

Conversions Part 2

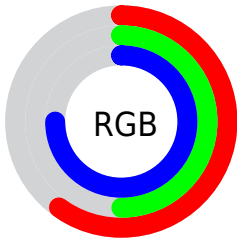
Format	Color
RYB	154, 128, 192
Decimal	10125504
CIELab	58.15, 22.93, -29.77
CIELCh	58, 37.579, 307.607
Yxy	26.1141, 0.2779, 0.2375
Android (android.graphics.Color)	4288315584 (0xFF9A80C0)
YUV	143.0700, 24.1225, 9.5856
Hunter-Lab	51.1020, 17.3051, -26.0500

Details

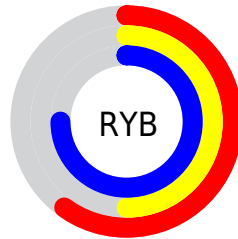
The Yxy color **26.1141, 0.2779, 0.2375** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.3530, 0.3393, 0.4177**, and the grayscale version is **27.4012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4426, 0.2851, 0.2543**, and **10.2517, 0.2654, 0.2115** is the 20% darker color. If you saturate the color by 10%, you get **20.5056, 0.2644, 0.2068**, and if you desaturate by 10%, it is **32.7784, 0.2900, 0.2672**.

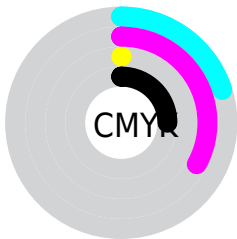
Distribution



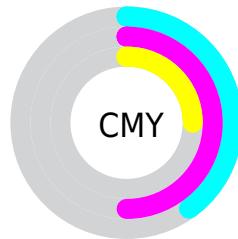
- Red (60%)
- Green (50%)
- Blue (75%)



- Red (60%)
- Yellow (50%)
- Blue (75%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1141, 0.2779, 0.2375 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 26.1141, 0.2779, 0.2375 by changing the saturation by 10% instead.

■ 26.1141, 0.2779,
0.2375

■ 26.1141, 0.2779,
0.2375

■ 283.3417, 0.2975,
0.2844

■ 16.9090, 0.2723,
0.2256

■ 53.4590, 0.2855,
0.2548

■ 10.1696, 0.2647,
0.2102

■ 72.3675, 0.2883,
0.2612

■ 5.5116, 0.2538,
0.1898

■ 95.2794, 0.2905,
0.2666

■ 2.5504, 0.2373,
0.1617

■ 122.5789, 0.2924,
0.2712

■ 0.9018, 0.2101,
0.1216

■ 154.6505, 0.2939,
0.2752

■ 0.0000, 0.1443,
0.0000

■ 191.8786, 0.2953,

■ 0.0000, 0.0000,

0.2787

0.0000

234.6475, 0.2965,
0.2817

■ 26.1141, 0.2779,
0.2375

■ 26.1141, 0.2779,
0.2375

■ 20.5056, 0.2644,
0.2068

■ 32.7784, 0.2900,
0.2672

■ 15.8931, 0.2499,
0.1763

■ 40.5476, 0.3007,
0.2952

■ 12.2158, 0.2347,
0.1474


■ 49.4713, 0.3100,
0.3210


■ 9.4046, 0.2196,
0.1219


■ 59.5952, 0.3178,
0.3444


■ 7.3800, 0.2054,
0.1013

■ 70.9625, 0.3245,
0.3654

 6.0473, 0.1927,
0.0866

 83.6143, 0.3301,
0.3841

 5.4234, 0.1852,
0.0794

 92.7815, 0.3360,
0.3940

 94.7712, 0.3436,
0.3924

 96.5846, 0.3502,
0.3910

Harmonies

Analogous

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



26.1141, 0.2294, 0.2304



26.1141, 0.2779, 0.2375



26.1141, 0.3416, 0.2637

Triad

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



26.1141, 0.2779, 0.2375



26.1141, 0.4328, 0.3993



26.1141, 0.2278, 0.3477

Complementary

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



26.1141, 0.2779, 0.2375



47.3530, 0.3393, 0.4177

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.



26.1141, 0.2763, 0.4106



26.1141, 0.2779, 0.2375



26.1141, 0.3952, 0.4359

Square

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



26.1141, 0.2779, 0.2375



26.1141, 0.4367, 0.3517



26.1141, 0.3376, 0.4441



26.1141, 0.2028, 0.2861

Rectangle

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



26.1141, 0.2779, 0.2375



26.1141, 0.3838, 0.2894



26.1141, 0.3376, 0.4441



26.1141, 0.2417, 0.3700

Sweetspot

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



26.1152, 0.2779, 0.2375



78.3701, 0.3038, 0.3036



35.8088, 0.2611, 0.2911



16.3379, 0.3024, 0.2999



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.



26.1152, 0.2779, 0.2375



39.7065, 0.2681, 0.2151



29.6322, 0.3099, 0.2457



9.9432, 0.3045, 0.3056



3.6934, 0.1865, 0.0801



0.1998, 0.2126, 0.0945

Inverse Universe

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



29.3973, 0.3442, 0.2785



46.7173, 0.3537, 0.2672



44.3486, 0.3131, 0.4254



10.1760, 0.3198, 0.3154



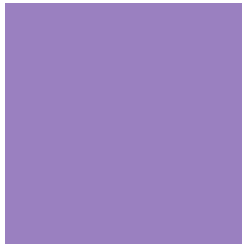
8.3742, 0.4548, 0.2279



0.3752, 0.4173, 0.2072

Previews

White Background



This preview shows how the Yxy color 26.1141, 0.2779, 0.2375 looks on a white background.

Color Contrast Check

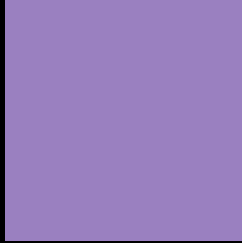
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1141, 0.2779, 0.2375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

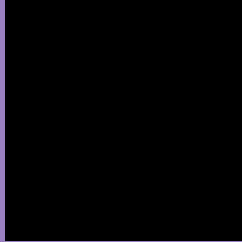
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1141, 0.2779, 0.2375

Background



This preview shows how black text looks on a background with the Yxy color 26.1141, 0.2779, 0.2375.



This preview shows how white text looks on a background with the Yxy color 26.1141, 0.2779, 0.2375.

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

26.1141, 0.2779, 0.2375

Protanopia

26.3402, 0.2436, 0.2354

Deuteranopia

26.2546, 0.2545, 0.2489



Tritanopia

26.1404, 0.3114, 0.3113

Trichromacy



Original Color

26.1141, 0.2779, 0.2375

Protanomaly

25.9869, 0.2546, 0.2353

Deuteranomaly

26.0460, 0.2625, 0.2435

Tritanomaly

26.1201, 0.2988, 0.2825

Monochromacy



Original Color

26.1141, 0.2779, 0.2375

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9532, 0.2996, 0.2930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1141, 0.2779, 0.2375 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(154, 128, 192)` looks like.

```
.text, #text, p{  
    color:rgb(154, 128, 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(154, 128, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 128, 192) }
```

Border

The CSS property to change the border of an element to Yxy 26.1141, 0.2779, 0.2375 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(154, 128, 192) }
```

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

```
.border{ border-color:rgb(154, 128, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 128, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 128, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 128, 192);  
box-shadow:4px 4px 4px 4px rgb(154, 128,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1141, 0.2779, 0.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 128, 192) }
```

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

```
.background{ background-color: rgb(154,  
128, 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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