

Converting Colors

$Y_{xy}(26.7247, 0.2958, 0.2696)$

Have a look what the booklet for
Yxy(26.7247, 0.2958, 0.2696)
contains.

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Color

Yxy(26.6622, 0.2953, 0.2692)

Conversions

Conversions Part 1

Format	Color
Hex	9A85AD
RGB	154, 133, 173
RGB Percent	60%, 52%, 68%
CMY	0.3963, 0.4783, 0.3216
CMYK	0.11, 0.23, 0.00, 0.32
HSL	271°, 20%, 60%
HSV	271°, 23%, 68%
XYZ	29.2472, 26.6622, 43.1329
YIQ	143.8390, -0.3240, 16.8920

Conversions

Conversions Part 2

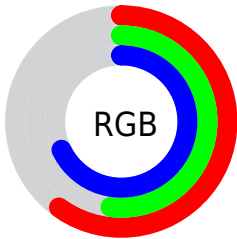
Format	Color
RYB	154, 133, 173
Decimal	10126765
CIELab	58.66, 15.75, -18.16
CIElCh	59, 24.039, 310.931
Yxy	26.6622, 0.2953, 0.2692
Android (android.graphics.Color)	4288316845 (0xFF9A85AD)
YUV	143.8390, 14.3764, 8.9112
Hunter-Lab	51.6355, 10.7434, -13.3822

Details

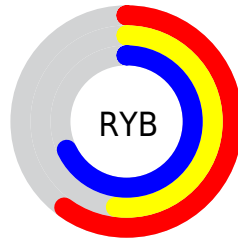
The Yxy color $26.6622, 0.2953, 0.2692$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $38.2587, 0.3270, 0.3892$, and the grayscale version is $27.7612, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3303, 0.2991, 0.2802$, and $10.4506, 0.2886, 0.2485$ is the 20% darker color. If you saturate the color by 10%, you get $21.5281, 0.2858, 0.2407$, and if you desaturate by 10%, it is $32.6343, 0.3036, 0.2963$.

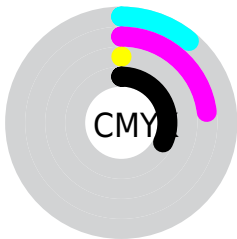
Distribution



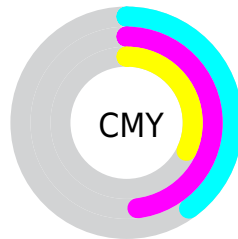
- Red (60%)
- Green (52%)
- Blue (68%)



- Red (60%)
- Yellow (52%)
- Blue (68%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (32%)





- Cyan (40%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6622, 0.2953, 0.2692 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 26.6622, 0.2953, 0.2692 by changing the saturation by 10% instead.


 26.6622, 0.2953,
0.2692


 26.6622, 0.2953,
0.2692


286.0178, 0.3052,
0.3006


 17.3197, 0.2924,
0.2609


 54.3413, 0.2992,
0.2810

 10.4627, 0.2884,
0.2499


 73.4467, 0.3006,
0.2853

 5.7068, 0.2826,
0.2348


 96.5752, 0.3017,
0.2889

 2.6676, 0.2733,
0.2129

124.1112, 0.3026,
0.2919

 0.9608, 0.2567,
0.1785

156.4391, 0.3034,
0.2946

 0.0000, 0.1792,
0.0000

193.9432, 0.3041,

 0.0000, 0.0000,

0.2968

0.0000

237.0080, 0.3047,
0.2988

■ 26.6622, 0.2953,
0.2692

■ 26.6622, 0.2953,
0.2692

■ 21.5281, 0.2858,
0.2407

■ 32.6343, 0.3036,
0.2963

■ 17.1892, 0.2751,
0.2117

■ 39.4775, 0.3107,
0.3216

■ 13.6043, 0.2635,
0.1831

■ 47.2274, 0.3168,
0.3448

■ 10.7267, 0.2512,
0.1562

■ 55.9166, 0.3218,
0.3659

■ 8.5045, 0.2386,
0.1325

■ 65.5758, 0.3261,
0.3849

6.8783, 0.2263,
0.1132

76.2345, 0.3295,
0.4019

5.7772, 0.2148,
0.0991

87.9208, 0.3324,
0.4171

5.2174, 0.2074,
0.0916

89.7367, 0.3377,
0.4163

91.0543, 0.3432,
0.4148

Harmonies

Analogous

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



26.6622, 0.2612, 0.2635



26.6622, 0.2953, 0.2692



26.6622, 0.3364, 0.2884

Triad

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



26.6622, 0.2953, 0.2692



26.6622, 0.3885, 0.3803



26.6622, 0.2551, 0.3373

Complementary

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



26.6622, 0.2953, 0.2692



38.2587, 0.3270, 0.3892

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.



26.6622, 0.2864, 0.3753



26.6622, 0.2953, 0.2692



26.6622, 0.3637, 0.3994

Square

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



26.6622, 0.2953, 0.2692



26.6622, 0.3923, 0.3501



26.6622, 0.3261, 0.3988



26.6622, 0.2392, 0.2996

Rectangle

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



26.6622, 0.2953, 0.2692



26.6622, 0.3620, 0.3069



26.6622, 0.3261, 0.3988



26.6622, 0.2640, 0.3507

Sweetspot

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



26.6633, 0.2953, 0.2692



65.5919, 0.3080, 0.3117



30.5727, 0.2767, 0.2968



14.1027, 0.3076, 0.3102



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.6633, 0.2953, 0.2692



42.6217, 0.2903, 0.2540



28.6561, 0.3160, 0.2736



7.9557, 0.3064, 0.3061



3.8678, 0.2085, 0.0922



0.1399, 0.2419, 0.1106

Inverse Universe

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



27.9345, 0.3376, 0.3013



45.3843, 0.3450, 0.2945



36.5835, 0.3092, 0.3914



8.0765, 0.3215, 0.3182



6.9909, 0.5023, 0.2541



0.2056, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 26.6622, 0.2953, 0.2692 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 26.6622, 0.2953, 0.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

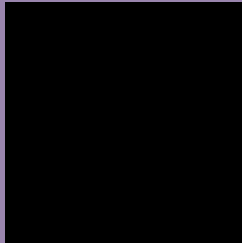
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6622, 0.2953, 0.2692

Background



This preview shows how black text looks on a background with the Yxy color 26.6622, 0.2953, 0.2692.



This preview shows how white text looks on a background with the Yxy color 26.6622, 0.2953, 0.2692.

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

26.6622, 0.2953, 0.2692

Protanopia

26.8761, 0.2701, 0.2696

Deuteranopia

26.6445, 0.2815, 0.2759



Tritanopia

26.7991, 0.3156, 0.3132

Trichromacy



Original Color

26.6622, 0.2953, 0.2692

Protanomaly

26.6014, 0.2789, 0.2688

Deuteranomaly

26.5162, 0.2862, 0.2735

Tritanomaly

26.6219, 0.3077, 0.2963

Monochromacy



Original Color

26.6622, 0.2953, 0.2692

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4186, 0.3064, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6622, 0.2953, 0.2692 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, 133, 173)` looks like.

```
.text, #text, p{  
    color:rgb(154, 133, 173)  
}
```

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, 133, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 133, 173) }
```

Border

The CSS property to change the border of an element to Yxy 26.6622, 0.2953, 0.2692 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, 133, 173) }
```

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

```
.border{ border-color:rgb(154, 133, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 133, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 133, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 133, 173);  
box-shadow:4px 4px 4px 4px rgb(154, 133,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6622, 0.2953, 0.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 133, 173) }
```

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

```
.background{ background-color: rgb(154,  
133, 173) }
```

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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