

Converting Colors

$Y_{xy}(26.6991, 0.3039, 0.2552)$

Have a look what the booklet for
Yxy(26.6991, 0.3039, 0.2552)
contains.

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Color

Yxy(26.7582, 0.3042, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	A87FB3
RGB	168, 127, 179
RGB Percent	66%, 50%, 70%
CMY	0.3413, 0.5019, 0.2980
CMYK	0.06, 0.29, 0.00, 0.30
HSL	287°, 25%, 60%
HSV	287°, 29%, 70%
XYZ	31.8710, 26.7582, 46.1406
YIQ	145.1870, 7.7440, 24.8640

Conversions

Conversions Part 2

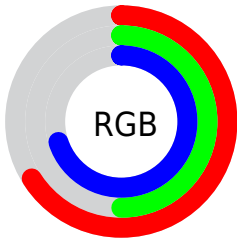
Format	Color
R _Y B	168, 127, 179
Decimal	11042739
CIE _{Lab}	58.75, 25.17, -21.34
CIE _{LCh}	59, 33.001, 319.701
Y _{xy}	26.7582, 0.3042, 0.2554
Android (android.graphics.Color)	4289232819 (0xFFA87FB3)
Y _{UV}	145.1870, 16.6698, 20.0070
Hunter-Lab	51.7283, 19.4532, -16.6756

Details

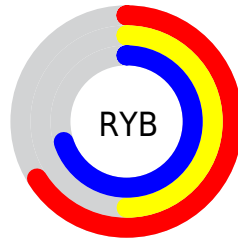
The Yxy color $26.7582, 0.3042, 0.2554$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $39.1872, 0.3182, 0.4096$, and the grayscale version is $28.3240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4880, 0.3066, 0.2692$, and $10.4590, 0.2998, 0.2324$ is the 20% darker color. If you saturate the color by 10%, you get $22.1272, 0.3002, 0.2293$, and if you desaturate by 10%, it is $32.2253, 0.3077, 0.2815$.

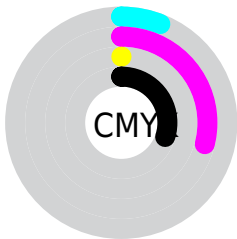
Distribution



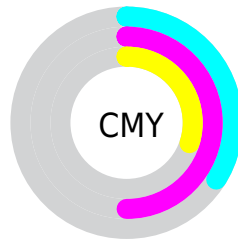
- Red (66%)
- Green (50%)
- Blue (70%)



- Red (66%)
- Yellow (50%)
- Blue (70%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (30%)



- Cyan (34%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7582, 0.3042, 0.2554 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 26.7582, 0.3042, 0.2554 by changing the saturation by 10% instead.


 26.7582, 0.3042,
0.2554


 26.7582, 0.3042,
0.2554


286.4845, 0.3096,
0.2934


 17.3917, 0.3024,
0.2456


 54.4956, 0.3064,
0.2695

 10.5142, 0.2999,
0.2328


 73.6353, 0.3072,
0.2747

 5.7412, 0.2960,
0.2156


 96.8016, 0.3078,
0.2790

 2.6883, 0.2896,
0.1912

124.3787, 0.3083,
0.2828

 0.9713, 0.2773,
0.1545

156.7512, 0.3087,
0.2860

 0.0000, 0.2574,
0.0000

194.3034, 0.3090,

 0.0000, 0.0000,

0.2888

0.0000

237.4197, 0.3093,
0.2912

■ 26.7582, 0.3042,
0.2554

■ 26.7582, 0.3042,
0.2554

■ 22.1272, 0.3002,
0.2293

■ 32.2253, 0.3077,
0.2815

■ 18.2851, 0.2956,
0.2042

■ 38.5654, 0.3106,
0.3070

■ 15.1857, 0.2905,
0.1811


■ 45.8174, 0.3129,
0.3312


■ 12.7760, 0.2851,
0.1611


■ 54.0167, 0.3148,
0.3539


■ 10.9962, 0.2795,
0.1450


■ 63.1970, 0.3163,
0.3749

 9.7762, 0.2739,
0.1333


 73.3903, 0.3175,
0.3941

 8.9865, 0.2683,
0.1256

 84.6269, 0.3183,
0.4116

 8.9178, 0.2678,
0.1249

 86.8336, 0.3204,
0.4135

 87.3580, 0.3228,
0.4129

Harmonies

Analogous

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



26.7582, 0.2546, 0.2419



26.7582, 0.3042, 0.2554



26.7582, 0.3609, 0.2847

Triad

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



26.7582, 0.3042, 0.2554



26.7582, 0.4081, 0.4066



26.7582, 0.2264, 0.3229

Complementary

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



26.7582, 0.3042, 0.2554



39.1872, 0.3182, 0.4096

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.



26.7582, 0.2621, 0.3792



26.7582, 0.3042, 0.2554



26.7582, 0.3669, 0.4289

Square

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



26.7582, 0.3042, 0.2554



26.7582, 0.4237, 0.3677



26.7582, 0.3133, 0.4207



26.7582, 0.2130, 0.2752

Rectangle

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



26.7582, 0.3042, 0.2554



26.7582, 0.3936, 0.3103



26.7582, 0.3133, 0.4207



26.7582, 0.2360, 0.3417

Sweetspot

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



26.7593, 0.3042, 0.2554



68.9309, 0.3105, 0.3067



26.0260, 0.2646, 0.2646



14.8872, 0.3101, 0.3031



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.7593, 0.3042, 0.2554



42.3255, 0.3016, 0.2383



27.4584, 0.3318, 0.2768



8.5539, 0.3105, 0.3063



6.3293, 0.2684, 0.1252



0.2220, 0.2839, 0.1338

Inverse Universe

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



26.6045, 0.3622, 0.3131



42.0737, 0.3781, 0.3094



38.7049, 0.2979, 0.3877



8.5338, 0.3255, 0.3242



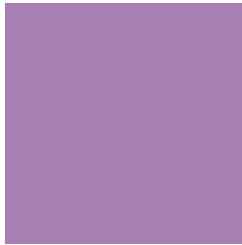
6.8793, 0.6009, 0.3084



0.2250, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 26.7582, 0.3042, 0.2554 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 26.7582, 0.3042, 0.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

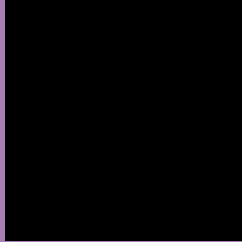
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7582, 0.3042, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 26.7582, 0.3042, 0.2554.



This preview shows how white text looks on a background with the Yxy color 26.7582, 0.3042, 0.2554.

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

26.7582, 0.3042, 0.2554

Protanopia

26.9762, 0.2589, 0.2553

Deuteranopia

26.9579, 0.2754, 0.2701



Tritanopia

26.8503, 0.3350, 0.3138

Trichromacy



Original Color

26.7582, 0.3042, 0.2554

Protanomaly

26.6704, 0.2739, 0.2541

Deuteranomaly

26.8382, 0.2848, 0.2643

Tritanomaly

26.6663, 0.3235, 0.2903

Monochromacy



Original Color

26.7582, 0.3042, 0.2554

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3836, 0.3098, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7582, 0.3042, 0.2554 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(168, 127, 179)` looks like.

```
.text, #text, p{  
    color:rgb(168, 127, 179)  
}
```

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(168, 127, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 127, 179) }
```

Border

The CSS property to change the border of an element to Yxy 26.7582, 0.3042, 0.2554 is called "border". The border property can be set on classes, ids or directly on the HTML element.

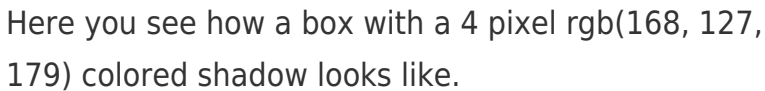
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 127, 179) }
```

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

```
.border{ border-color:rgb(168, 127, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 127, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 127, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 127, 179); box-shadow:4px 4px 4px 4px rgb(168, 127, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7582, 0.3042, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 127, 179) }
```

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

```
.background{ background-color: rgb(168,  
127, 179) }
```

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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