

Converting Colors

$Y_{xy}(26.6565, 0.3111, 0.3571)$

Have a look what the booklet for
Yxy(26.6565, 0.3111, 0.3571)
contains.

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Color

Yxy(26.8099, 0.3113, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	819281
RGB	129, 146, 129
RGB Percent	51%, 57%, 51%
CMY	0.4942, 0.4274, 0.4940
CMYK	0.12, 0.00, 0.12, 0.43
HSL	120°, 7%, 54%
HSV	120°, 12%, 57%
XYZ	23.2931, 26.8099, 24.7223
YIQ	138.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

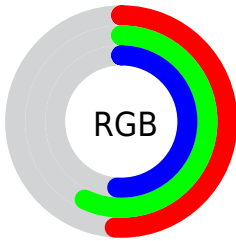
Format	Color
R_{YB}	129, 146, 146
Decimal	8491649
CIE _{Lab}	58.80, -9.51, 6.95
CIE _{LCh}	59, 11.778, 143.842
Yxy	26.8099, 0.3113, 0.3583
Android (android.graphics.Color)	4286681729 (0xFF819281)
YUV	138.9790, -4.9196, -8.7516
Hunter-Lab	51.7783, -10.3115, 7.9359

Details

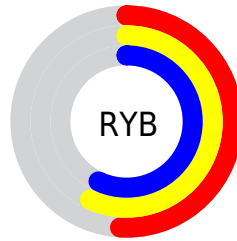
The Yxy color $26.8099, 0.3113, 0.3583$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.8810, 0.3141, 0.3013$, and the grayscale version is $25.8305, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6310, 0.3116, 0.3518$, and $10.6504, 0.3108, 0.3703$ is the 20% darker color. If you saturate the color by 10%, you get $25.3881, 0.3099, 0.3870$, and if you desaturate by 10%, it is $28.4526, 0.3125, 0.3329$.

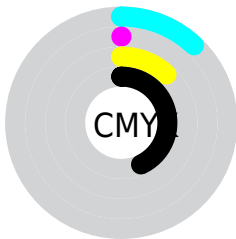
Distribution



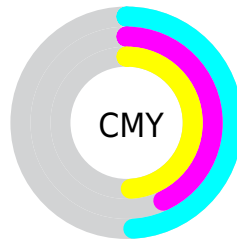
- Red (51%)
- Green (57%)
- Blue (51%)



- Red (51%)
- Yellow (57%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)





- Cyan (49%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8099, 0.3113, 0.3583 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 26.8099, 0.3113, 0.3583 by changing the saturation by 10% instead.


 26.8099, 0.3113,
0.3583


 26.8099, 0.3113,
0.3583


286.7355, 0.3122,
0.3420


 17.4305, 0.3110,
0.3630


 54.5787, 0.3117,
0.3519

 10.5419, 0.3105,
0.3695


 73.7368, 0.3118,
0.3497

 5.7597, 0.3097,
0.3792

 96.9234, 0.3119,
0.3478

 2.6995, 0.3082,
0.3947

124.5227, 0.3120,
0.3463

 0.9770, 0.3089,
0.4351

156.9191, 0.3121,
0.3450

 0.0000, 0.0000,
0.0000

194.4972, 0.3121,

0.3439

237.6412, 0.3122,
0.3429

■ 26.8099, 0.3113,
0.3583

■ 26.8099, 0.3113,
0.3583

■ 25.3881, 0.3099,
0.3870

■ 28.4526, 0.3125,
0.3329

■ 24.1746, 0.3084,
0.4187

■ 30.3214, 0.3136,
0.3107

■ 23.1606, 0.3068,
0.4527

■ 32.4256, 0.3145,
0.2916

■ 22.3355, 0.3051,
0.4876

■ 34.7732, 0.3153,
0.2750

■ 21.6875, 0.3035,
0.5213

■ 37.3715, 0.3160,
0.2609

■ 21.2037, 0.3022,
0.5513

■ 40.2276, 0.3166,
0.2487

■ 20.8694, 0.3011,
0.5751

■ 43.3483, 0.3172,
0.2382

■ 20.6672, 0.3004,
0.5910

■ 46.7404, 0.3176,
0.2292

■ 20.5608, 0.2999,
0.5998

■ 49.0401, 0.3176,
0.2239

Harmonies

Analogous

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



26.8099, 0.3309, 0.3640



26.8099, 0.3113, 0.3583



26.8099, 0.2925, 0.3439

Triad

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



26.8099, 0.3113, 0.3583



26.8099, 0.2802, 0.2983



26.8099, 0.3472, 0.3309

Complementary

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



26.8099, 0.3113, 0.3583



23.8810, 0.3141, 0.3013

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.



26.8099, 0.3328, 0.3146



26.8099, 0.3113, 0.3583



26.8099, 0.2940, 0.2960

Square

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



26.8099, 0.3113, 0.3583



26.8099, 0.2749, 0.3088



26.8099, 0.3132, 0.3020



26.8099, 0.3520, 0.3474

Rectangle

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



26.8099, 0.3113, 0.3583



26.8099, 0.2829, 0.3317



26.8099, 0.3132, 0.3020



26.8099, 0.3433, 0.3253

Sweetspot

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



26.8110, 0.3113, 0.3583



49.7594, 0.3124, 0.3363



28.2562, 0.3295, 0.3568



11.0186, 0.3123, 0.3381



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.8110, 0.3113, 0.3583



46.5981, 0.3110, 0.3655



27.0459, 0.3033, 0.3435



6.4686, 0.3116, 0.3518



18.0917, 0.2999, 0.5998



0.2215, 0.2996, 0.5987

Inverse Universe

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



23.8810, 0.3141, 0.3013



40.3790, 0.3144, 0.2950



23.6270, 0.3233, 0.3150



5.9090, 0.3138, 0.3072



7.1947, 0.3215, 0.1545



0.0881, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 26.8099, 0.3113, 0.3583 looks on a white background.

Color Contrast Check

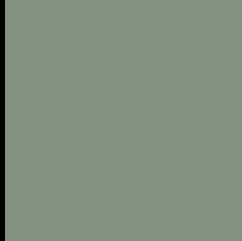
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8099, 0.3113, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

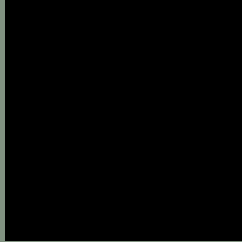
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

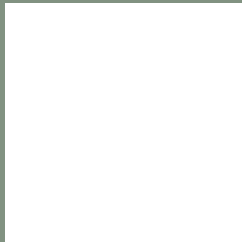
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8099, 0.3113, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 26.8099, 0.3113, 0.3583.



This preview shows how white text looks on a background with the Yxy color 26.8099, 0.3113, 0.3583.

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

26.8099, 0.3113, 0.3583

Protanopia

26.7592, 0.3347, 0.3537

Deuteranopia

26.6179, 0.3443, 0.3370



Tritanopia

26.6656, 0.2920, 0.3092

Trichromacy



Original Color

26.8099, 0.3113, 0.3583

Protanomaly

26.7527, 0.3255, 0.3559

Deuteranomaly

26.6638, 0.3319, 0.3454

Tritanomaly

26.5948, 0.2993, 0.3256

Monochromacy



Original Color

26.8099, 0.3113, 0.3583

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.2462, 0.3122, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8099, 0.3113, 0.3583 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(129, 146, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 129)  
}
```

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(129, 146, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.8099, 0.3113, 0.3583 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(129, 146, 129) }
```

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

```
.border{ border-color:rgb(129, 146, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8099, 0.3113, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 129) }
```

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

```
.background{ background-color: rgb(129,  
146, 129) }
```

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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