

Converting Colors

$Yxy(26.8305, 0.2849, 0.3820)$

Have a look what the booklet for
Yxy(26.8305, 0.2849, 0.3820)
contains.

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Color

$Y_{xy}(26.8045, 0.2846, 0.3810)$

Conversions

Conversions Part 1

Format	Color
Hex	61997D
RGB	97, 153, 125
RGB Percent	38%, 60%, 49%
CMY	0.6197, 0.4000, 0.5097
CMYK	0.37, 0.00, 0.18, 0.40
HSL	150°, 22%, 49%
HSV	150°, 37%, 60%
XYZ	20.0225, 26.8045, 23.5260
YIQ	133.0640, -24.3880, -20.5800

Conversions

Conversions Part 2

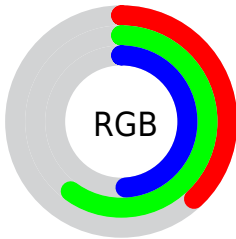
Format	Color
R_{YB}	97, 134, 153
Decimal	6396285
CIE _{Lab}	58.79, -24.88, 8.94
CIE _{LCh}	59, 26.435, 160.231
Yxy	26.8045, 0.2846, 0.3810
Android (android.graphics.Color)	4284586365 (0xFF61997D)
YUV	133.0640, -3.9756, -31.6281
Hunter-Lab	51.7731, -21.5706, 9.2993

Details

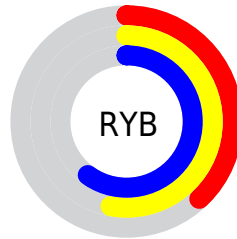
The Yxy color $26.8045, 0.2846, 0.3810$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.7999, 0.3552, 0.2827$, and the grayscale version is $23.5013, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8101, 0.2909, 0.3693$, and $10.6289, 0.2742, 0.4031$ is the 20% darker color. If you saturate the color by 10%, you get $25.8568, 0.2785, 0.3983$, and if you desaturate by 10%, it is $27.9316, 0.2916, 0.3649$.

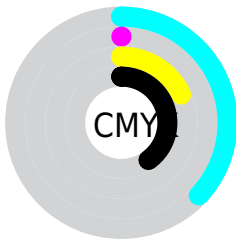
Distribution



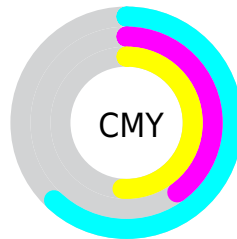
- Red (38%)
- Green (60%)
- Blue (49%)



- Red (38%)
- Yellow (53%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8045, 0.2846, 0.3810 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 26.8045, 0.2846, 0.3810 by changing the saturation by 10% instead.


 26.8045, 0.2846,
0.3810


 26.8045, 0.2846,
0.3810


286.7093, 0.3004,
0.3517


 17.4265, 0.2800,
0.3897


 54.5700, 0.2908,
0.3694


 10.5390, 0.2735,
0.4018


 73.7262, 0.2930,
0.3654

 5.7578, 0.2639,
0.4200

 96.9106, 0.2948,
0.3621

 2.6984, 0.2482,
0.4499

 124.5076, 0.2963,
0.3593

 0.9764, 0.1839,
0.5647

156.9016, 0.2975,
0.3570

 0.0000, 0.0000,
0.0000

194.4769, 0.2986,

0.3550

237.6180, 0.2996,
0.3532

■ 26.8045, 0.2846,
0.3810

■ 26.8045, 0.2846,
0.3810

■ 25.8568, 0.2785,
0.3983

■ 27.9316, 0.2916,
0.3649

■ 25.0754, 0.2736,
0.4166

■ 29.2436, 0.2993,
0.3503

■ 24.4508, 0.2702,
0.4356

■ 30.7501, 0.3073,
0.3370

■ 23.9711, 0.2686,
0.4549

■ 32.4587, 0.3155,
0.3251

■ 23.6224, 0.2688,
0.4739

■ 34.3769, 0.3236,
0.3146

■ 23.3839, 0.2709,
0.4921

■ 36.5116, 0.3316,
0.3053

■ 23.3134, 0.2717,
0.4982

■ 38.8696, 0.3394,
0.2971

■ 41.4571, 0.3469,
0.2899

■ 44.2803, 0.3540,
0.2836

Harmonies

Analogous

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



26.8045, 0.3281, 0.4064



26.8045, 0.2846, 0.3810



26.8045, 0.2503, 0.3389

Triad

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



26.8045, 0.2846, 0.3810



26.8045, 0.2557, 0.2576



26.8045, 0.3999, 0.3507

Complementary

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



26.8045, 0.2846, 0.3810



16.7999, 0.3552, 0.2827

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.



26.8045, 0.3780, 0.3151



26.8045, 0.2846, 0.3810



26.8045, 0.2925, 0.2636

Square

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



26.8045, 0.2846, 0.3810



26.8045, 0.2347, 0.2687



26.8045, 0.3375, 0.2841



26.8045, 0.3962, 0.3840

Rectangle

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



26.8045, 0.2846, 0.3810



26.8045, 0.2365, 0.3101



26.8045, 0.3375, 0.2841



26.8045, 0.3953, 0.3387

Sweetspot

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



26.8056, 0.2846, 0.3810



53.7799, 0.3036, 0.3429



28.0063, 0.3356, 0.4272



11.8026, 0.3026, 0.3446



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.8056, 0.2846, 0.3810



46.5778, 0.2795, 0.3952



27.6245, 0.2627, 0.3289



6.9746, 0.3052, 0.3403



19.2738, 0.2714, 0.4969



0.2955, 0.2502, 0.4208

Inverse Universe

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



16.7999, 0.3552, 0.2827



25.9515, 0.3690, 0.2722



16.1828, 0.3981, 0.3293



6.2716, 0.3209, 0.3179



6.0403, 0.4914, 0.2481



0.0976, 0.4056, 0.2008

Previews

White Background



This preview shows how the Yxy color 26.8045, 0.2846, 0.3810 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 26.8045, 0.2846, 0.3810 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 26.8045, 0.2846, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 26.8045, 0.2846, 0.3810.



This preview shows how white text looks on a background with the Yxy color 26.8045, 0.2846, 0.3810.

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

26.8045, 0.2846, 0.3810

Protanopia

26.3840, 0.3436, 0.3637

Deuteranopia

26.5642, 0.3465, 0.3401



Tritanopia

26.7211, 0.2625, 0.3082

Trichromacy



Original Color

26.8045, 0.2846, 0.3810

Protanomaly

26.2984, 0.3192, 0.3709

Deuteranomaly

26.1388, 0.3202, 0.3529

Tritanomaly

26.7441, 0.2706, 0.3342

Monochromacy



Original Color

26.8045, 0.2846, 0.3810

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3609, 0.3012, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8045, 0.2846, 0.3810 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(97, 153, 125)` looks like.

```
.text, #text, p{  
    color:rgb(97, 153, 125)  
}
```

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(97, 153, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 153, 125) }
```

Border

The CSS property to change the border of an element to Yxy 26.8045, 0.2846, 0.3810 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(97, 153, 125) }
```

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

```
.border{ border-color:rgb(97, 153, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 153, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 153, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 153, 125);  
box-shadow:4px 4px 4px 4px rgb(97, 153,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8045, 0.2846, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 153, 125) }
```

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

```
.background{ background-color: rgb(97, 153,  
125) }
```

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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