

Converting Colors

$Y_{xy}(26.1818, 0.3300, 0.4170)$

Have a look what the booklet for
Yxy(26.1818, 0.3300, 0.4170)
contains.

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Color

Yxy(26.1456, 0.3309, 0.4175)

Conversions

Conversions Part 1

Format	Color
Hex	799463
RGB	121, 148, 99
RGB Percent	47%, 58%, 39%
CMY	0.5257, 0.4196, 0.6118
CMYK	0.18, 0.00, 0.33, 0.42
HSL	93°, 20%, 48%
HSV	93°, 33%, 58%
XYZ	20.7223, 26.1456, 15.7562
YIQ	134.3410, -0.3630, -20.9630

Conversions

Conversions Part 2

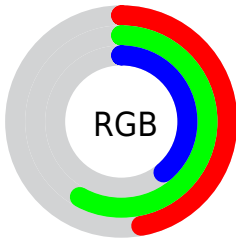
Format	Color
RYB	99, 148, 126
Decimal	7967843
CIELab	58.17, -18.79, 22.89
CIELCh	58, 29.610, 129.381
Yxy	26.1456, 0.3309, 0.4175
Android (android.graphics.Color)	4286157923 (0xFF799463)
YUV	134.3410, -17.4231, -11.7001
Hunter-Lab	51.1328, -17.1425, 17.5231

Details

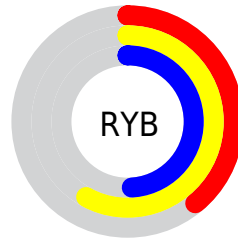
The Yxy color $26.1456, 0.3309, 0.4175$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.4998, 0.2880, 0.2423$, and the grayscale version is $24.0352, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4417, 0.3281, 0.3977$, and $10.1369, 0.3339, 0.4517$ is the 20% darker color. If you saturate the color by 10%, you get $25.3239, 0.3353, 0.4473$, and if you desaturate by 10%, it is $27.0714, 0.3258, 0.3887$.

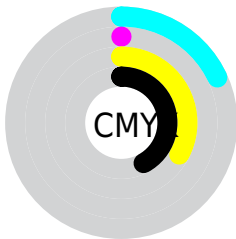
Distribution



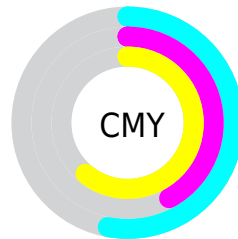
- Red (47%)
- Green (58%)
- Blue (39%)



- Red (39%)
- Yellow (58%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (33%)
- Black (42%)




- Cyan (53%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1456, 0.3309, 0.4175 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 26.1456, 0.3309, 0.4175 by changing the saturation by 10% instead.


 26.1456, 0.3309,
0.4175


 26.1456, 0.3309,
0.4175


283.4961, 0.3221,
0.3673

 16.9326, 0.3328,
0.4323


 53.5097, 0.3279,
0.3977

 10.1864, 0.3348,
0.4530


 72.4297, 0.3267,
0.3907

 5.5228, 0.3364,
0.4834

 95.3540, 0.3256,
0.3850

 2.5571, 0.3390,
0.5370

 122.6672, 0.3247,
0.3803

 0.9052, 0.3073,
0.6927

154.7536, 0.3239,
0.3763

 0.0000, 0.0000,
0.0000

191.9976, 0.3232,

0.3729

234.7837, 0.3226,
0.3699

■ 26.1456, 0.3309,
0.4175

■ 26.1456, 0.3309,
0.4175

■ 25.3239, 0.3353,
0.4473

■ 27.0714, 0.3258,
0.3887

■ 24.5989, 0.3385,
0.4769

■ 28.1018, 0.3202,
0.3615

■ 23.9673, 0.3402,
0.5051


■ 29.2414, 0.3145,
0.3364

■ 23.4244, 0.3401,
0.5304


■ 30.4937, 0.3088,
0.3135

■ 22.9646, 0.3381,
0.5513


■ 31.8620, 0.3033,
0.2928


 22.5820, 0.3342,
0.5667

 33.3493, 0.2980,
0.2743

 22.3537, 0.3310,
0.5754

 34.9587, 0.2929,
0.2578

 36.6929, 0.2882,
0.2432

 38.5549, 0.2839,
0.2301

Harmonies

Analogous

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



26.1456, 0.3771, 0.4152



26.1456, 0.3309, 0.4175



26.1456, 0.2820, 0.3894

Triad

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



26.1456, 0.3309, 0.4175



26.1456, 0.2252, 0.2617



26.1456, 0.3854, 0.3119

Complementary

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



26.1456, 0.3309, 0.4175



15.4998, 0.2880, 0.2423

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.



26.1456, 0.3391, 0.2780



26.1456, 0.3309, 0.4175



26.1456, 0.2478, 0.2492

Square

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



26.1456, 0.3309, 0.4175



26.1456, 0.2235, 0.2938



26.1456, 0.2883, 0.2556



26.1456, 0.4110, 0.3514

Rectangle

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



26.1456, 0.3309, 0.4175



26.1456, 0.2544, 0.3583



26.1456, 0.2883, 0.2556



26.1456, 0.3715, 0.2997

Sweetspot

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



26.1467, 0.3309, 0.4175



50.1410, 0.3186, 0.3539



22.1078, 0.3719, 0.3751



11.3891, 0.3193, 0.3572



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.1467, 0.3309, 0.4175



44.9950, 0.3343, 0.4403



24.7846, 0.3061, 0.4190



6.5880, 0.3180, 0.3514



19.1055, 0.3315, 0.5750



0.2509, 0.3663, 0.5474

Inverse Universe

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



15.4998, 0.2880, 0.2423



23.1424, 0.2805, 0.2206



17.2810, 0.3196, 0.2530



5.7812, 0.3070, 0.3067



3.3628, 0.2150, 0.0958



0.0587, 0.2618, 0.1216

Previews

White Background



This preview shows how the Yxy color 26.1456, 0.3309, 0.4175 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 26.1456, 0.3309, 0.4175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

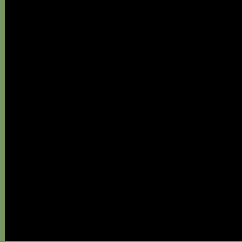
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1456, 0.3309, 0.4175

Background



This preview shows how black text looks on a background with the Yxy color 26.1456, 0.3309, 0.4175.



This preview shows how white text looks on a background with the Yxy color 26.1456, 0.3309, 0.4175.

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

26.1456, 0.3309, 0.4175

Protanopia

25.8708, 0.3731, 0.4012

Deuteranopia

26.0088, 0.3852, 0.3789



Tritanopia

26.0168, 0.2889, 0.3089

Trichromacy



Original Color

26.1456, 0.3309, 0.4175

Protanomaly

25.7660, 0.3575, 0.4076

Deuteranomaly

25.7944, 0.3644, 0.3920

Tritanomaly

26.0756, 0.3045, 0.3481

Monochromacy



Original Color

26.1456, 0.3309, 0.4175

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5128, 0.3200, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1456, 0.3309, 0.4175 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(121, 148, 99)` looks like.

```
.text, #text, p{  
    color:rgb(121, 148, 99)  
}
```

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(121, 148, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 148, 99) }
```

Border

The CSS property to change the border of an element to Yxy 26.1456, 0.3309, 0.4175 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(121, 148, 99) }
```

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

```
.border{ border-color:rgb(121, 148, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 148, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 148, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 148, 99);  
box-shadow:4px 4px 4px 4px rgb(121, 148,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1456, 0.3309, 0.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 148, 99) }
```

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

```
.background{ background-color: rgb(121,  
148, 99) }
```

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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