

Converting Colors

$Y_{xy}(26.1095, 0.3256, 0.3814)$

Have a look what the booklet for
Yxy(26.1095, 0.3256, 0.3814)
contains.

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Color

Yxy(26.1557, 0.3250, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	819173
RGB	129, 145, 115
RGB Percent	51%, 57%, 45%
CMY	0.4942, 0.4313, 0.5490
CMYK	0.11, 0.00, 0.21, 0.43
HSL	92°, 12%, 51%
HSV	92°, 21%, 57%
XYZ	22.2704, 26.1557, 20.0982
YIQ	136.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

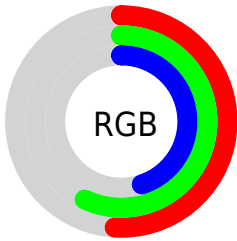
Format	Color
R_{YB}	115, 145, 131
Decimal	8491379
CIE _{Lab}	58.18, -11.51, 14.03
CIE _{LCh}	58, 18.149, 129.375
Yxy	26.1557, 0.3250, 0.3817
Android (android.graphics.Color)	4286681459 (0xFF819173)
YUV	136.7960, -10.7454, -6.8371
Hunter-Lab	51.1426, -11.7707, 12.4999

Details

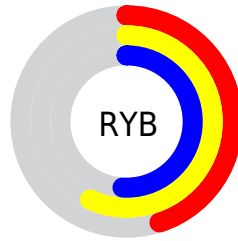
The Yxy color $26.1557, 0.3250, 0.3817$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.1387, 0.2981, 0.2768$, and the grayscale version is $24.9756, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5820, 0.3226, 0.3703$, and $10.2519, 0.3275, 0.4031$ is the 20% darker color. If you saturate the color by 10%, you get $25.2646, 0.3305, 0.4100$, and if you desaturate by 10%, it is $27.1477, 0.3191, 0.3551$.

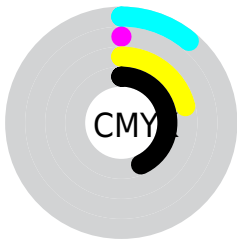
Distribution



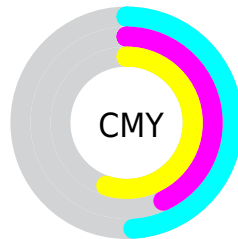
- Red (51%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)





- Cyan (49%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1557, 0.3250, 0.3817 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 26.1557, 0.3250, 0.3817 by changing the saturation by 10% instead.


 26.1557, 0.3250,
0.3817


 26.1557, 0.3250,
0.3817


283.5456, 0.3186,
0.3522

 16.9402, 0.3266,
0.3904


 53.5260, 0.3227,
0.3701

 10.1918, 0.3287,
0.4024


 72.4496, 0.3218,
0.3660

 5.5263, 0.3313,
0.4202

 95.3780, 0.3210,
0.3626

 2.5593, 0.3345,
0.4492

122.6955, 0.3204,
0.3598

 0.9062, 0.3888,
0.6074

154.7867, 0.3199,
0.3575

 0.0000, 0.0000,
0.0000

192.0358, 0.3194,

0.3555

234.8273, 0.3190,
0.3537

■ 26.1557, 0.3250,
0.3817

■ 26.1557, 0.3250,
0.3817

■ 25.2646, 0.3305,
0.4100

■ 27.1477, 0.3191,
0.3551

■ 24.4675, 0.3354,
0.4394

■ 28.2404, 0.3131,
0.3306

■ 23.7618, 0.3392,
0.4689

■ 29.4381, 0.3072,
0.3083

■ 23.1436, 0.3416,
0.4973

■ 30.7438, 0.3015,
0.2882

■ 22.6085, 0.3422,
0.5231

■ 32.1602, 0.2960,
0.2701

■ 22.1518, 0.3408,
0.5449

■ 33.6902, 0.2909,
0.2540

■ 21.7678, 0.3375,
0.5616

■ 35.3363, 0.2861,
0.2397

■ 21.4639, 0.3333,
0.5735

■ 37.1011, 0.2816,
0.2269

■ 38.9869, 0.2774,
0.2156

Harmonies

Analogous

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



26.1557, 0.3532, 0.3821



26.1557, 0.3250, 0.3817



26.1557, 0.2944, 0.3649

Triad

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



26.1557, 0.3250, 0.3817



26.1557, 0.2573, 0.2876



26.1557, 0.3571, 0.3190

Complementary

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



26.1557, 0.3250, 0.3817



19.1387, 0.2981, 0.2768

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.



26.1557, 0.3294, 0.2967



26.1557, 0.3250, 0.3817



26.1557, 0.2721, 0.2785

Square

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



26.1557, 0.3250, 0.3817



26.1557, 0.2563, 0.3086



26.1557, 0.2982, 0.2821



26.1557, 0.3726, 0.3446

Rectangle

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



26.1557, 0.3250, 0.3817



26.1557, 0.2768, 0.3470



26.1557, 0.2982, 0.2821



26.1557, 0.3488, 0.3110

Sweetspot

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



26.1568, 0.3250, 0.3817



49.4796, 0.3164, 0.3437



23.4945, 0.3472, 0.3563



10.9831, 0.3167, 0.3451



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.



26.1568, 0.3250, 0.3817



46.0418, 0.3277, 0.3952



25.1609, 0.3092, 0.3822



6.1446, 0.3182, 0.3513



18.4228, 0.3338, 0.5732



0.1890, 0.3683, 0.5457

Inverse Universe

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



19.1387, 0.2981, 0.2768



31.0543, 0.2940, 0.2635



20.2992, 0.3162, 0.2810



5.3880, 0.3068, 0.3068



3.1414, 0.2117, 0.0940



0.0432, 0.2591, 0.1201

Previews

White Background



This preview shows how the Yxy color 26.1557, 0.3250, 0.3817 looks on a white background.

Color Contrast Check

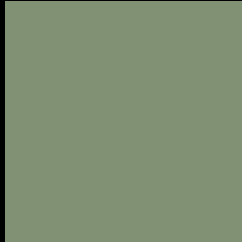
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1557, 0.3250, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

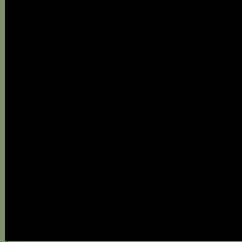
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

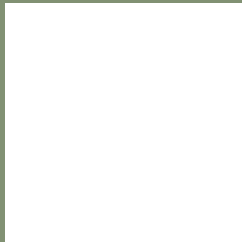
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1557, 0.3250, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 26.1557, 0.3250, 0.3817.



This preview shows how white text looks on a background with the Yxy color 26.1557, 0.3250, 0.3817.

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

26.1557, 0.3250, 0.3817

Protanopia

25.9310, 0.3514, 0.3739

Deuteranopia

25.9116, 0.3632, 0.3560



Tritanopia

26.0589, 0.2957, 0.3108

Trichromacy



Original Color

26.1557, 0.3250, 0.3817

Protanomaly

25.9047, 0.3415, 0.3766

Deuteranomaly

25.8275, 0.3486, 0.3655

Tritanomaly

26.0865, 0.3060, 0.3358

Monochromacy



Original Color

26.1557, 0.3250, 0.3817

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.4095, 0.3173, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1557, 0.3250, 0.3817 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, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(129, 145, 115)  
}
```

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, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 145, 115) }
```

Border

The CSS property to change the border of an element to Yxy 26.1557, 0.3250, 0.3817 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, 145, 115) }
```

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

```
.border{ border-color:rgb(129, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(129, 145,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1557, 0.3250, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 145, 115) }
```

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

```
.background{ background-color: rgb(129,  
145, 115) }
```

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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