

Converting Colors

$Y_{xy}(26.4603, 0.3370, 0.3918)$

Have a look what the booklet for
Yxy(26.4603, 0.3370, 0.3918)
contains.

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Color

Yxy(26.4233, 0.3365, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	86916D
RGB	134, 145, 109
RGB Percent	53%, 57%, 43%
CMY	0.4745, 0.4314, 0.5726
CMYK	0.08, 0.00, 0.25, 0.43
HSL	78°, 14%, 50%
HSV	78°, 25%, 57%
XYZ	22.7170, 26.4233, 18.3694
YIQ	137.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

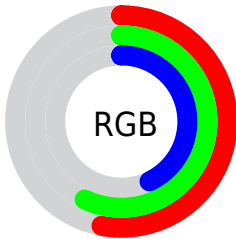
Format	Color
RYB	109, 145, 120
Decimal	8819053
CIELab	58.44, -10.55, 17.83
CIELCh	58, 20.717, 120.624
Yxy	26.4233, 0.3365, 0.3914
Android (android.graphics.Color)	4287009133 (0xFF86916D)
YUV	137.6070, -14.1033, -3.1633
Hunter-Lab	51.4036, -11.0710, 14.7949

Details

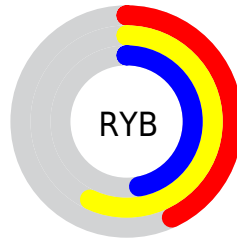
The Yxy color $26.4233, 0.3365, 0.3914$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.9739, 0.2846, 0.2636$, and the grayscale version is $25.3119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9849, 0.3312, 0.3776$, and $10.4062, 0.3441, 0.4168$ is the 20% darker color. If you saturate the color by 10%, you get $25.7810, 0.3456, 0.4182$, and if you desaturate by 10%, it is $27.1347, 0.3269, 0.3653$.

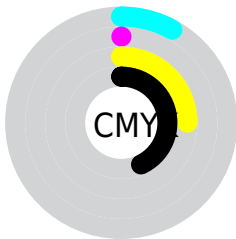
Distribution



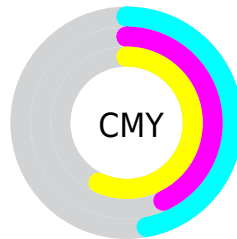
- Red (53%)
- Green (57%)
- Blue (43%)



- Red (43%)
- Yellow (57%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (25%)
- Black (43%)




- Cyan (47%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4233, 0.3365, 0.3914 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 26.4233, 0.3365, 0.3914 by changing the saturation by 10% instead.


 26.4233, 0.3365,
0.3914


 26.4233, 0.3365,
0.3914


284.8539, 0.3240,
0.3565


 17.1406, 0.3398,
0.4015


 53.9570, 0.3318,
0.3777

 10.3348, 0.3440,
0.4155


 72.9769, 0.3301,
0.3729

 5.6215, 0.3496,
0.4360

 96.0112, 0.3287,
0.3690

 2.6163, 0.3568,
0.4684

 123.4444, 0.3274,
0.3657

 0.9349, 0.4026,
0.5974

155.6608, 0.3264,
0.3629

 0.0000, 0.0000,
0.0000

193.0450, 0.3255,

0.3605

235.9812, 0.3247,
0.3584

■ 26.4233, 0.3365,
0.3914

■ 26.4233, 0.3365,
0.3914

■ 25.7810, 0.3456,
0.4182

■ 27.1347, 0.3269,
0.3653

■ 25.2015, 0.3540,
0.4449

■ 27.9143, 0.3173,
0.3405

■ 24.6833, 0.3610,
0.4705

■ 28.7656, 0.3079,
0.3172

■ 24.2229, 0.3662,
0.4939

■ 29.6909, 0.2988,
0.2957

■ 23.8170, 0.3694,
0.5140

■ 30.6923, 0.2902,
0.2761

■ 23.4614, 0.3701,
0.5300

■ 31.7718, 0.2821,
0.2583

■ 23.1510, 0.3685,
0.5414

■ 32.9315, 0.2747,
0.2422

■ 23.0010, 0.3673,
0.5465

■ 34.1731, 0.2677,
0.2277

■ 35.4987, 0.2613,
0.2147

Harmonies

Analogous

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



26.4233, 0.3661, 0.3860



26.4233, 0.3365, 0.3914



26.4233, 0.3016, 0.3775

Triad

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



26.4233, 0.3365, 0.3914



26.4233, 0.2481, 0.2874



26.4233, 0.3550, 0.3096

Complementary

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



26.4233, 0.3365, 0.3914



16.9739, 0.2846, 0.2636

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.



26.4233, 0.3211, 0.2866



26.4233, 0.3365, 0.3914



26.4233, 0.2604, 0.2734

Square

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



26.4233, 0.3365, 0.3914



26.4233, 0.2517, 0.3144



26.4233, 0.2865, 0.2735



26.4233, 0.3777, 0.3379

Rectangle

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



26.4233, 0.3365, 0.3914



26.4233, 0.2801, 0.3590



26.4233, 0.2865, 0.2735



26.4233, 0.3445, 0.3011

Sweetspot

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



26.4245, 0.3365, 0.3914



49.6532, 0.3195, 0.3461



20.5087, 0.3584, 0.3479



11.0302, 0.3200, 0.3473



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.



26.4245, 0.3365, 0.3914



46.6376, 0.3419, 0.4069



25.0827, 0.3170, 0.3953



6.2039, 0.3215, 0.3510



19.7416, 0.3676, 0.5463



0.2003, 0.3928, 0.5263

Inverse Universe

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



16.9739, 0.2846, 0.2636



26.6143, 0.2766, 0.2464



18.3673, 0.3064, 0.2677



5.3299, 0.3034, 0.3066



2.2311, 0.1731, 0.0727



0.0319, 0.2189, 0.0980

Previews

White Background



This preview shows how the Yxy color 26.4233, 0.3365, 0.3914 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 26.4233, 0.3365, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

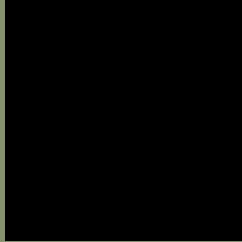
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4233, 0.3365, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 26.4233, 0.3365, 0.3914.



This preview shows how white text looks on a background with the Yxy color 26.4233, 0.3365, 0.3914.

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

26.4233, 0.3365, 0.3914

Protanopia

26.3017, 0.3587, 0.3834

Deuteranopia

26.3682, 0.3732, 0.3666



Tritanopia

26.5660, 0.3019, 0.3111

Trichromacy



Original Color

26.4233, 0.3365, 0.3914

Protanomaly

26.3580, 0.3499, 0.3862

Deuteranomaly

26.3633, 0.3595, 0.3763

Tritanomaly

26.5268, 0.3144, 0.3390

Monochromacy



Original Color

26.4233, 0.3365, 0.3914

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9004, 0.3225, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4233, 0.3365, 0.3914 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(134, 145, 109)` looks like.

```
.text, #text, p{  
    color:rgb(134, 145, 109)  
}
```

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(134, 145, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 145, 109) }
```

Border

The CSS property to change the border of an element to Yxy 26.4233, 0.3365, 0.3914 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(134, 145, 109) }
```

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

```
.border{ border-color:rgb(134, 145, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 145, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 145, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 145, 109);  
box-shadow:4px 4px 4px 4px rgb(134, 145,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4233, 0.3365, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 145, 109) }
```

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

```
.background{ background-color: rgb(134,  
145, 109) }
```

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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