

Converting Colors

$Y_{xy}(26.5120, 0.3240, 0.3854)$

Have a look what the booklet for
Yxy(26.5120, 0.3240, 0.3854)
contains.

Yxy(26.6715, 0.3246, 0.3869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.6715, 0.3246, 0.3869)

Conversions

Conversions Part 1	
Format	Color
Hex	809372
RGB	128, 147, 114
RGB Percent	50%, 58%, 45%
CMY	0.4979, 0.4235, 0.5529
CMYK	0.13, 0.00, 0.22, 0.42
HSL	94°, 13%, 51%
HSV	94°, 22%, 58%
XYZ	22.3768, 26.6715, 19.8882
YIQ	137.5570, -0.7310, -14.2910

Conversions

Conversions Part 2

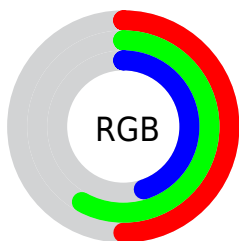
Format	Color
RYB	114, 147, 133
Decimal	8426354
CIELab	58.67, -13.11, 15.26
CIELCh	59, 20.121, 130.665
Yxy	26.6715, 0.3246, 0.3869
Android (android.graphics.Color)	4286616434 (0xFF809372)
YUV	137.5570, -11.6136, -8.3815
Hunter-Lab	51.6445, -13.0365, 13.3187

Details

The Yxy color $26.6715, 0.3246, 0.3869$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.1247, 0.2982, 0.2722$, and the grayscale version is $25.2860, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3502, 0.3223, 0.3741$, and $10.3788, 0.3270, 0.4085$ is the 20% darker color. If you saturate the color by 10%, you get $25.7361, 0.3294, 0.4158$, and if you desaturate by 10%, it is $27.7176, 0.3194, 0.3598$.

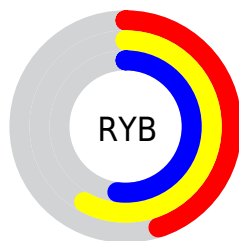
Distribution



Red (50%)

Green (58%)

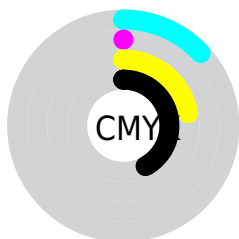
Blue (45%)



Red (45%)

Yellow (58%)

Blue (52%)

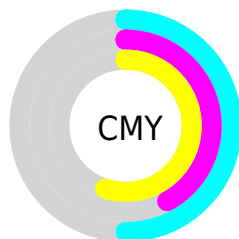


Cyan (13%)

Magenta (0%)

Yellow (22%)

Black (42%)



Cyan (50%)


Magenta (42%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6715, 0.3246, 0.3869 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 26.6715, 0.3246, 0.3869 by changing the saturation by 10% instead.


 26.6715, 0.3246,
0.3869


 26.6715, 0.3246,
0.3869


286.0630, 0.3186,
0.3545

 17.3267, 0.3261,
0.3964


 54.3563, 0.3224,
0.3741


 10.4677, 0.3279,
0.4096


 73.4650, 0.3216,
0.3696

 5.7101, 0.3301,
0.4291

 96.5972, 0.3209,
0.3660

 2.6696, 0.3323,
0.4606

 124.1371, 0.3203,
0.3629

 0.9618, 0.3810,
0.6190


156.4693, 0.3198,
0.3603


 0.0000, 0.0000,
0.0000


193.9781, 0.3193,


0.3581


237.0479, 0.3189,
0.3561

 26.6715, 0.3246,
0.3869


 26.6715, 0.3246,
0.3869


 25.7361, 0.3294,
0.4158


 27.7176, 0.3194,
0.3598


 24.9040, 0.3334,
0.4457


 28.8745, 0.3140,
0.3348


 24.1722, 0.3364,
0.4757


 30.1469, 0.3087,
0.3121


 23.5363, 0.3380,
0.5045


 31.5382, 0.3035,
0.2916


 22.9913, 0.3378,
0.5303


 33.0515, 0.2985,
0.2733


 22.5320, 0.3357,
0.5518


 34.6898, 0.2938,
0.2571

 22.1519, 0.3318,
0.5679

 36.4561, 0.2894,
0.2426

 21.9069, 0.3283,
0.5775

 38.3532, 0.2852,
0.2298

 40.3839, 0.2814,
0.2184

Harmonies

Analogous

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



26.6715, 0.3560, 0.3879



26.6715, 0.3246, 0.3869



26.6715, 0.2911, 0.3676

Triad

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



26.6715, 0.3246, 0.3869



26.6715, 0.2523, 0.2827



26.6715, 0.3627, 0.3191

Complementary

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



26.6715, 0.3246, 0.3869



19.1247, 0.2982, 0.2722

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.



26.6715, 0.3324, 0.2945



26.6715, 0.3246, 0.3869



26.6715, 0.2691, 0.2736

Square

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



26.6715, 0.3246, 0.3869



26.6715, 0.2506, 0.3051



26.6715, 0.2980, 0.2781



26.6715, 0.3791, 0.3471

Rectangle

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



26.6715, 0.3246, 0.3869



26.6715, 0.2721, 0.3475



26.6715, 0.2980, 0.2781



26.6715, 0.3537, 0.3103

Sweetspot

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



26.6727, 0.3246, 0.3869



50.7152, 0.3166, 0.3462



24.1099, 0.3502, 0.3606



11.5530, 0.3168, 0.3475



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.



26.6727, 0.3246, 0.3869



46.8897, 0.3271, 0.4015



25.7090, 0.3078, 0.3854



6.5818, 0.3177, 0.3514



19.0076, 0.3287, 0.5772



0.2494, 0.3636, 0.5495

Inverse Universe

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



19.1247, 0.2982, 0.2722



30.8826, 0.2941, 0.2582



20.2754, 0.3178, 0.2784



5.7876, 0.3074, 0.3067



3.4943, 0.2198, 0.0985



0.0602, 0.2653, 0.1235

Previews

White Background



This preview shows how the Yxy color 26.6715, 0.3246, 0.3869 looks on a white background.

Color Contrast Check

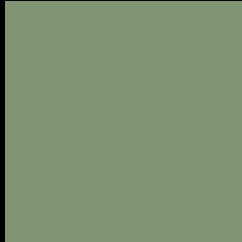
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6715, 0.3246, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

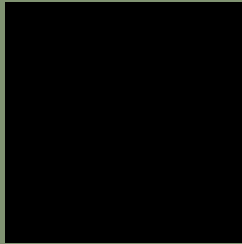
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6715, 0.3246, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 26.6715, 0.3246, 0.3869.



This preview shows how white text looks on a background with the Yxy color 26.6715, 0.3246, 0.3869.

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

26.6715, 0.3246, 0.3869

Protanopia

26.6815, 0.3541, 0.3783

Deuteranopia

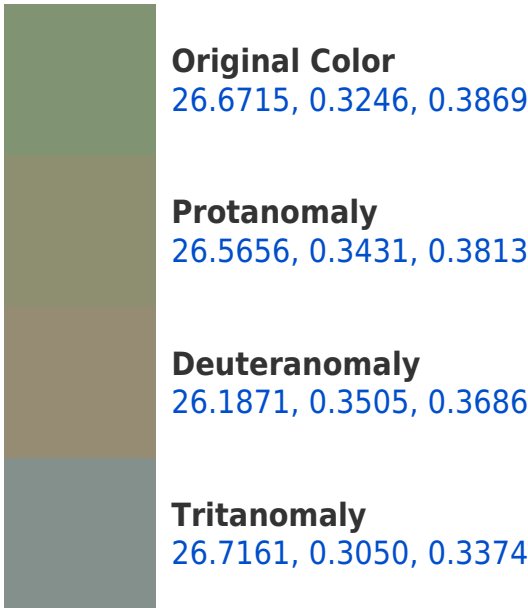
26.3754, 0.3663, 0.3589



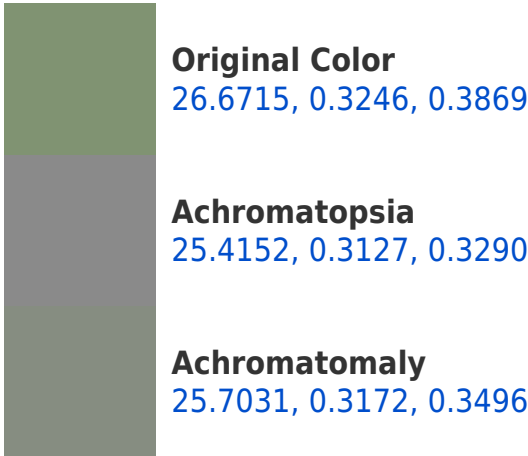
Tritanopia

26.7142, 0.2939, 0.3109

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6715, 0.3246, 0.3869 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(128, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 114)  
}
```

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(128, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 114) }
```

Border

The CSS property to change the border of an element to Yxy 26.6715, 0.3246, 0.3869 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(128, 147, 114) }
```

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

```
.border{ border-color:rgb(128, 147, 114) }
```

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

Here you see how a box with a 4 pixel rgb(128, 147, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6715, 0.3246, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 114) }
```

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

```
.background{ background-color: rgb(128,  
147, 114) }
```

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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