

Converting Colors

$Y_{xy}(26.6995, 0.3667, 0.4219)$

Have a look what the booklet for
Yxy(26.6995, 0.3667, 0.4219)
contains.

Yxy(26.8117, 0.3664, 0.4224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8117, 0.3664, 0.4224)

Conversions

Conversions Part 1

Format	Color
Hex	8F9159
RGB	143, 145, 89
RGB Percent	56%, 57%, 35%
CMY	0.4392, 0.4314, 0.6509
CMYK	0.01, 0.00, 0.39, 0.43
HSL	62°, 24%, 46%
HSV	62°, 39%, 57%
XYZ	23.2571, 26.8117, 13.4058
YIQ	138.0180, 16.7840, -17.8400

Conversions

Conversions Part 2

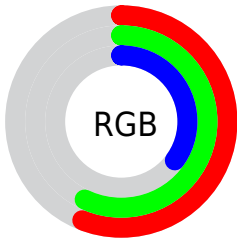
Format	Color
R_{YB}	89, 145, 91
Decimal	9408857
CIE _{Lab}	58.80, -9.68, 29.47
CIE _{LCh}	59, 31.017, 108.181
Yxy	26.8117, 0.3664, 0.4224
Android (android.graphics.Color)	4287598937 (0xFF8F9159)
YUV	138.0180, -24.1659, 4.3692
Hunter-Lab	51.7800, -10.4413, 20.8958

Details

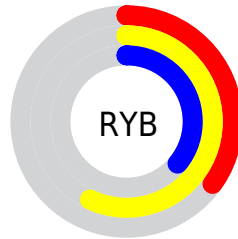
The Yxy color $26.8117, 0.3664, 0.4224$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.4190, 0.2466, 0.2166$, and the grayscale version is $25.5134, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7461, 0.3562, 0.4025$, and $10.5757, 0.3809, 0.4565$ is the 20% darker color. If you saturate the color by 10%, you get $26.5466, 0.3791, 0.4449$, and if you desaturate by 10%, it is $27.1275, 0.3528, 0.3984$.

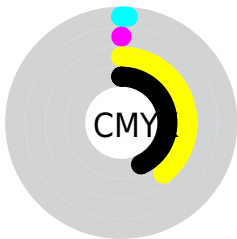
Distribution



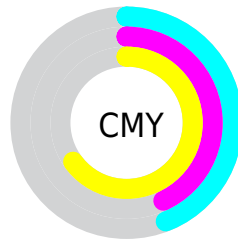
- Red (56%)
- Green (57%)
- Blue (35%)



- Red (35%)
- Yellow (57%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8117, 0.3664, 0.4224 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 26.8117, 0.3664, 0.4224 by changing the saturation by 10% instead.

■ 26.8117, 0.3664,
0.4224

■ 26.8117, 0.3664,
0.4224

286.7442, 0.3383,
0.3709

■ 17.4319, 0.3735,
0.4368

■ 54.5816, 0.3561,
0.4025

■ 10.5429, 0.3823,
0.4560

■ 73.7404, 0.3522,
0.3954

■ 5.7604, 0.3931,
0.4826

■ 96.9276, 0.3489,
0.3895

■ 2.6999, 0.4196,
0.5393

■ 124.5277, 0.3462,
0.3846

■ 0.9772, 0.4138,
0.5862

■ 156.9250, 0.3438,
0.3804

■ 0.0000, 0.0000,
0.0000

194.5039, 0.3417,

0.3768

237.6489, 0.3399,
0.3737

■ 26.8117, 0.3664,
0.4224

■ 26.8117, 0.3664,
0.4224

■ 26.5466, 0.3791,
0.4449

■ 27.1275, 0.3528,
0.3984

■ 26.3256, 0.3902,
0.4650

■ 27.4928, 0.3387,
0.3738

■ 26.1468, 0.3994,
0.4819


■ 27.9114, 0.3246,
0.3494


■ 26.0068, 0.4062,
0.4949


■ 28.3855, 0.3108,
0.3258


■ 25.9014, 0.4106,
0.5039

■ 28.9172, 0.2977,
0.3033


 25.8218, 0.4129,
0.5094

 29.5085, 0.2854,
0.2822

 25.8111, 0.4132,
0.5101

 30.1613, 0.2739,
0.2628

 30.8775, 0.2634,
0.2449

 31.6588, 0.2538,
0.2287

Harmonies

Analogous

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



26.8117, 0.4040, 0.4009



26.8117, 0.3664, 0.4224



26.8117, 0.3162, 0.4158

Triad

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



26.8117, 0.3664, 0.4224



26.8117, 0.2186, 0.2805



26.8117, 0.3554, 0.2855

Complementary

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



26.8117, 0.3664, 0.4224



11.4190, 0.2466, 0.2166

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.



26.8117, 0.3022, 0.2583



26.8117, 0.3664, 0.4224



26.8117, 0.2268, 0.2533

Square

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



26.8117, 0.3664, 0.4224



26.8117, 0.2326, 0.3262



26.8117, 0.2560, 0.2465



26.8117, 0.3989, 0.3229

Rectangle

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



26.8117, 0.3664, 0.4224



26.8117, 0.2826, 0.3937



26.8117, 0.2560, 0.2465



26.8117, 0.3379, 0.2750

Sweetspot

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



26.8129, 0.3664, 0.4224



49.6989, 0.3297, 0.3583



14.2053, 0.4030, 0.3326



11.0372, 0.3313, 0.3610



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.



26.8129, 0.3664, 0.4224



47.6121, 0.3771, 0.4413



24.6281, 0.3345, 0.4332



6.2757, 0.3254, 0.3508



22.1407, 0.4133, 0.5101



0.2137, 0.4165, 0.5075

Inverse Universe

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



11.4190, 0.2466, 0.2166



16.1472, 0.2295, 0.1879



13.1069, 0.2814, 0.2266



5.2636, 0.2995, 0.3063



1.7847, 0.1516, 0.0609



0.0185, 0.1592, 0.0651

Previews

White Background



This preview shows how the Yxy color 26.8117, 0.3664, 0.4224 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 26.8117, 0.3664, 0.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

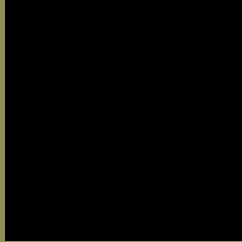
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8117, 0.3664, 0.4224

Background



This preview shows how black text looks on a background with the Yxy color 26.8117, 0.3664, 0.4224.



This preview shows how white text looks on a background with the Yxy color 26.8117, 0.3664, 0.4224.

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

26.8117, 0.3664, 0.4224

Protanopia

26.6244, 0.3827, 0.4140

Deuteranopia

26.6293, 0.4027, 0.3953



Tritanopia

26.8309, 0.3146, 0.3116

Trichromacy



Original Color

26.8117, 0.3664, 0.4224

Protanomaly

26.5346, 0.3773, 0.4170

Deuteranomaly

26.6770, 0.3891, 0.4059

Tritanomaly

26.7851, 0.3337, 0.3520

Monochromacy



Original Color

26.8117, 0.3664, 0.4224

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9813, 0.3331, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8117, 0.3664, 0.4224 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(143, 145, 89)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 89)  
}
```

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(143, 145, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 89) }
```

Border

The CSS property to change the border of an element to Yxy 26.8117, 0.3664, 0.4224 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(143, 145, 89) }
```

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

```
.border{ border-color:rgb(143, 145, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 145, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 89);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8117, 0.3664, 0.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 89) }
```

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

```
.background{ background-color: rgb(143,  
145, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor