

Converting Colors

$Y_{xy}(32.0522, 0.3074, 0.3726)$

Have a look what the booklet for
Yxy(32.0522, 0.3074, 0.3726)
contains.

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Color

Yxy(32.0363, 0.3078, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	83A186
RGB	131, 161, 134
RGB Percent	51%, 63%, 53%
CMY	0.4863, 0.3686, 0.4744
CMYK	0.19, 0.00, 0.17, 0.37
HSL	126°, 14%, 57%
HSV	126°, 19%, 63%
XYZ	26.4081, 32.0363, 27.3518
YIQ	148.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

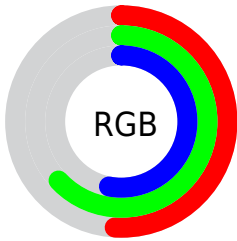
Format	Color
RYB	131, 158, 161
Decimal	8626566
CIELab	63.37, -15.86, 10.66
CIElCh	63, 19.107, 146.105
Yxy	32.0363, 0.3078, 0.3734
Android (android.graphics.Color)	4286816646 (0xFF83A186)
YUV	148.9520, -7.3713, -15.7439
Hunter-Lab	56.6006, -15.7686, 10.9690

Details

The Yxy color **32.0363, 0.3078, 0.3734** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.2763, 0.3180, 0.2883**, and the grayscale version is **30.0687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8899, 0.3089, 0.3645**, and **13.3267, 0.3059, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **30.4737, 0.3051, 0.4014**, and if you desaturate by 10%, it is **33.8567, 0.3105, 0.3483**.

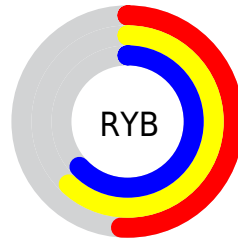
Distribution



Red (51%)

Green (63%)

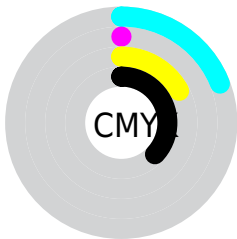
Blue (53%)



Red (51%)

Yellow (62%)

Blue (63%)

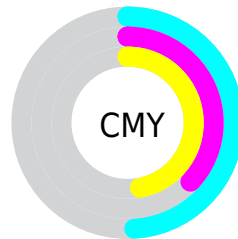


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (37%)



Cyan (49%)


Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0363, 0.3078, 0.3734 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 32.0363, 0.3078, 0.3734 by changing the saturation by 10% instead.


 32.0363, 0.3078,
0.3734

 32.0363, 0.3078,
0.3734


311.2846, 0.3107,
0.3492


 21.3892, 0.3069,
0.3802


 62.8680, 0.3090,
0.3641

 13.4088, 0.3055,
0.3895


 83.8214, 0.3094,
0.3607

 7.7107, 0.3035,
0.4028


 108.9790, 0.3097,
0.3580

 3.9104, 0.3000,
0.4236

138.7253, 0.3100,
0.3556

 1.6235, 0.2931,
0.4608

173.4446, 0.3102,
0.3537

 0.3734, 0.0000,
1.0000

213.5213, 0.3104,

 0.0000, 0.0000,

0.3520

0.0000

259.3398, 0.3106,
0.3505

■ 32.0363, 0.3078,
0.3734

■ 32.0363, 0.3078,
0.3734

■ 30.4737, 0.3051,
0.4014

■ 33.8567, 0.3105,
0.3483

■ 29.1533, 0.3025,
0.4319

■ 35.9416, 0.3131,
0.3262

■ 28.0643, 0.3002,
0.4640


■ 38.3024, 0.3155,
0.3068


■ 27.1933, 0.2983,
0.4964


■ 40.9487, 0.3178,
0.2901


■ 26.5255, 0.2971,
0.5273

■ 43.8895, 0.3198,
0.2756

 26.0444, 0.2966,
0.5544

 47.1336, 0.3218,
0.2631

 25.7305, 0.2970,
0.5759

 50.6893, 0.3235,
0.2523

 25.5496, 0.2978,
0.5905

 53.6435, 0.3211,
0.2419

 25.5292, 0.2978,
0.5921

 53.9712, 0.3170,
0.2375

Harmonies

Analogous

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



32.0363, 0.3379, 0.3831



32.0363, 0.3078, 0.3734



32.0363, 0.2800, 0.3498

Triad

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



32.0363, 0.3078, 0.3734



32.0363, 0.2647, 0.2817



32.0363, 0.3668, 0.3332

Complementary

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



32.0363, 0.3078, 0.3734



26.2763, 0.3180, 0.2883

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.



32.0363, 0.3453, 0.3088



32.0363, 0.3078, 0.3734



32.0363, 0.2860, 0.2798

Square

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



32.0363, 0.3078, 0.3734



32.0363, 0.2559, 0.2961



32.0363, 0.3154, 0.2897



32.0363, 0.3729, 0.3578

Rectangle

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



32.0363, 0.3078, 0.3734



32.0363, 0.2662, 0.3305



32.0363, 0.3154, 0.2897



32.0363, 0.3611, 0.3248

Sweetspot

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



32.0377, 0.3078, 0.3734



61.5290, 0.3111, 0.3424



34.3991, 0.3370, 0.3746



13.4471, 0.3110, 0.3438



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.0377, 0.3078, 0.3734



56.2641, 0.3068, 0.3836



32.4859, 0.2952, 0.3483



7.9061, 0.3103, 0.3498



20.3914, 0.2976, 0.5913



0.4317, 0.2873, 0.5544

Inverse Universe

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



26.2763, 0.3180, 0.2883



44.1811, 0.3192, 0.2799



25.7915, 0.3343, 0.3105



7.1898, 0.3152, 0.3090



7.6823, 0.3475, 0.1688



0.1647, 0.3367, 0.1629

Previews

White Background



This preview shows how the Yxy color 32.0363, 0.3078, 0.3734 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.0363, 0.3078, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

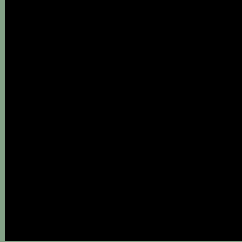
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0363, 0.3078, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 32.0363, 0.3078, 0.3734.



This preview shows how white text looks on a background with the Yxy color 32.0363, 0.3078, 0.3734.

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

32.0363, 0.3078, 0.3734

Protanopia

31.9712, 0.3431, 0.3642

Deuteranopia

31.9846, 0.3514, 0.3451



Tritanopia

31.9599, 0.2838, 0.3088

Trichromacy



Original Color

32.0363, 0.3078, 0.3734

Protanomaly

31.8997, 0.3299, 0.3684

Deuteranomaly

31.8291, 0.3340, 0.3551

Tritanomaly

32.0049, 0.2928, 0.3321

Monochromacy



Original Color

32.0363, 0.3078, 0.3734

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.5469, 0.3100, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0363, 0.3078, 0.3734 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(131, 161, 134)` looks like.

```
.text, #text, p{  
    color:rgb(131, 161, 134)  
}
```

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(131, 161, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 161, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.0363, 0.3078, 0.3734 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(131, 161, 134) }
```

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

```
.border{ border-color:rgb(131, 161, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 161, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 161, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 161, 134);  
box-shadow:4px 4px 4px 4px rgb(131, 161,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0363, 0.3078, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 161, 134) }
```

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

```
.background{ background-color: rgb(131,  
161, 134) }
```

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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