

Converting Colors

$Yxy(39.6722, 0.3210, 0.4065)$

Have a look what the booklet for
Yxy(39.6722, 0.3210, 0.4065)
contains.

Yxy(39.6384, 0.3218, 0.4070)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6384, 0.3218, 0.4070)

Conversions

Conversions Part 1

Format	Color
Hex	8FB380
RGB	143, 179, 128
RGB Percent	56%, 70%, 50%
CMY	0.4393, 0.2980, 0.4981
CMYK	0.20, 0.00, 0.29, 0.30
HSL	102°, 25%, 60%
HSV	102°, 29%, 70%
XYZ	31.3406, 39.6384, 26.4126
YIQ	162.4220, -5.0850, -23.4930

Conversions

Conversions Part 2

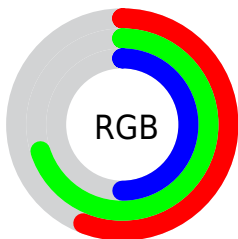
Format	Color
RYB	128, 179, 164
Decimal	9417600
CIELab	69.21, -21.86, 22.18
CIELCh	69, 31.144, 134.579
Yxy	39.6384, 0.3218, 0.4070
Android (android.graphics.Color)	4287607680 (0xFF8FB380)
YUV	162.4220, -16.9700, -17.0331
Hunter-Lab	62.9590, -21.3221, 19.1979

Details

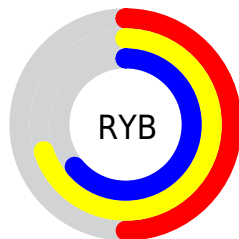
The Yxy color **39.6384, 0.3218, 0.4070** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.5801, 0.3000, 0.2559**, and the grayscale version is **36.4211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6232, 0.3204, 0.3915**, and **17.7471, 0.3237, 0.4336** is the 20% darker color. If you saturate the color by 10%, you get **38.1448, 0.3242, 0.4385**, and if you desaturate by 10%, it is **41.3457, 0.3189, 0.3774**.

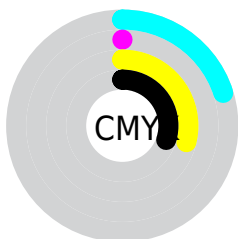
Distribution



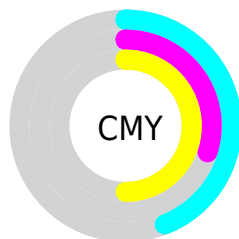
- Red (56%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)





- Cyan (44%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6384, 0.3218, 0.4070 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 39.6384, 0.3218, 0.4070 by changing the saturation by 10% instead.


 39.6384, 0.3218,
0.4070


 39.6384, 0.3218,
0.4070


344.5971, 0.3180,
0.3654

 27.2567, 0.3224,
0.4182


 74.6126, 0.3207,
0.3913

 17.7661, 0.3229,
0.4332


 97.9738, 0.3202,
0.3856

 10.7822, 0.3231,
0.4539


 125.7638, 0.3197,
0.3808

 5.9206, 0.3223,
0.4845

158.3668, 0.3193,
0.3768

 2.7968, 0.3188,
0.5349

196.1672, 0.3189,
0.3733

 1.0266, 0.2979,
0.7021

239.5495, 0.3186,

 0.0000, 0.0000,

0.3703

0.0000

288.8980, 0.3183,
0.3677

■ 39.6384, 0.3218,
0.4070

■ 39.6384, 0.3218,
0.4070

■ 38.1448, 0.3242,
0.4385

■ 41.3457, 0.3189,
0.3774

■ 36.8511, 0.3257,
0.4708

■ 43.2695, 0.3156,
0.3501

■ 35.7498, 0.3261,
0.5024

■ 45.4192, 0.3122,
0.3255

■ 34.8311, 0.3251,
0.5316

■ 47.8020, 0.3088,
0.3035

■ 34.0838, 0.3227,
0.5563

■ 50.4247, 0.3054,
0.2841

■ 33.4956, 0.3190,
0.5750

■ 53.2941, 0.3022,
0.2670

■ 33.0488, 0.3144,
0.5874

■ 56.4165, 0.2992,
0.2519

■ 32.9912, 0.3138,
0.5891

■ 58.7112, 0.3077,
0.2526

■ 60.7240, 0.3162,
0.2546

Harmonies

Analogous

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



39.6384, 0.3655, 0.4102



39.6384, 0.3218, 0.4070



39.6384, 0.2776, 0.3772

Triad

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



39.6384, 0.3218, 0.4070



39.6384, 0.2342, 0.2639



39.6384, 0.3850, 0.3197

Complementary

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



39.6384, 0.3218, 0.4070



26.5801, 0.3000, 0.2559

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.



39.6384, 0.3451, 0.2868



39.6384, 0.3218, 0.4070



39.6384, 0.2584, 0.2552

Square

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



39.6384, 0.3218, 0.4070



39.6384, 0.2293, 0.2908



39.6384, 0.2982, 0.2638



39.6384, 0.4041, 0.3565

Rectangle

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



39.6384, 0.3218, 0.4070



39.6384, 0.2537, 0.3479



39.6384, 0.2982, 0.2638



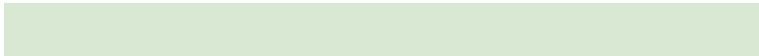
39.6384, 0.3734, 0.3080

Sweetspot

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



39.6401, 0.3218, 0.4070



77.2516, 0.3158, 0.3518



37.5863, 0.3604, 0.3793



17.0003, 0.3163, 0.3556



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.6401, 0.3218, 0.4070



69.3178, 0.3233, 0.4259



38.6717, 0.3013, 0.3934



9.6071, 0.3159, 0.3522



23.3402, 0.3145, 0.5885



0.7652, 0.3372, 0.5705

Inverse Universe

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



26.5801, 0.3000, 0.2559



42.1949, 0.2965, 0.2395



27.8743, 0.3267, 0.2723



8.5188, 0.3092, 0.3062



5.4885, 0.2487, 0.1144



0.2010, 0.2697, 0.1259

Previews

White Background



This preview shows how the Yxy color 39.6384, 0.3218, 0.4070 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 39.6384, 0.3218, 0.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

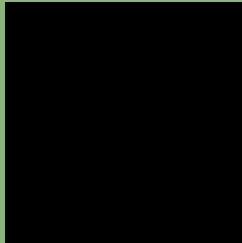
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6384, 0.3218, 0.4070

Background



This preview shows how black text looks on a background with the Yxy color 39.6384, 0.3218, 0.4070.



This preview shows how white text looks on a background with the Yxy color 39.6384, 0.3218, 0.4070.

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

39.6384, 0.3218, 0.4070

Protanopia

39.2591, 0.3653, 0.3915

Deuteranopia

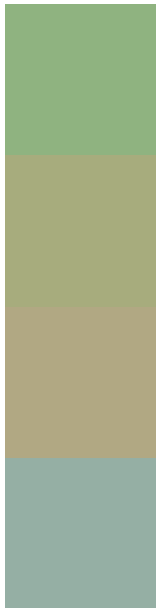
39.3769, 0.3756, 0.3687



Tritanopia

39.6832, 0.2853, 0.3106

Trichromacy



Original Color

39.6384, 0.3218, 0.4070

Protanomaly

39.2012, 0.3483, 0.3970

Deuteranomaly

38.9911, 0.3541, 0.3811

Tritanomaly

39.7298, 0.2990, 0.3451

Monochromacy



Original Color

39.6384, 0.3218, 0.4070

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1758, 0.3161, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6384, 0.3218, 0.4070 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, 179, 128)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 128)  
}
```

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, 179, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 128) }
```

Border

The CSS property to change the border of an element to Yxy 39.6384, 0.3218, 0.4070 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, 179, 128) }
```

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

```
.border{ border-color:rgb(143, 179, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 128);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6384, 0.3218, 0.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 128) }
```

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

```
.background{ background-color: rgb(143,  
179, 128) }
```

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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