

Converting Colors

$Yxy(38.0586, 0.2970, 0.3768)$

Have a look what the booklet for
Yxy(38.0586, 0.2970, 0.3768)
contains.

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Color

Yxy(38.2654, 0.2971, 0.3775)

Conversions

Conversions Part 1

Format	Color
Hex	82B192
RGB	130, 177, 146
RGB Percent	51%, 69%, 57%
CMY	0.4902, 0.3059, 0.4275
CMYK	0.27, 0.00, 0.18, 0.31
HSL	140°, 23%, 60%
HSV	140°, 27%, 69%
XYZ	30.1156, 38.2654, 32.9843
YIQ	159.4130, -18.0610, -19.6050

Conversions

Conversions Part 2

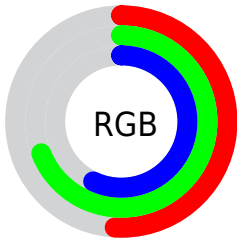
Format	Color
RYB	130, 165, 177
Decimal	8565138
CIELab	68.22, -22.13, 10.88
CIElCh	68, 24.659, 153.823
Yxy	38.2654, 0.2971, 0.3775
Android (android.graphics.Color)	4286755218 (0xFF82B192)
YUV	159.4130, -6.6126, -25.7952
Hunter-Lab	61.8590, -21.3519, 11.6869

Details

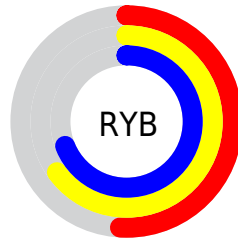
The Yxy color **38.2654, 0.2971, 0.3775** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.8889, 0.3327, 0.2850**, and the grayscale version is **34.9076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6383, 0.3004, 0.3678**, and **16.9038, 0.2918, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **36.6403, 0.2918, 0.3994**, and if you desaturate by 10%, it is **40.1716, 0.3028, 0.3575**.

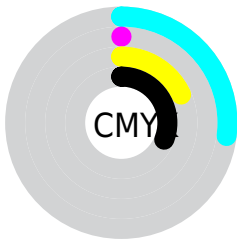
Distribution



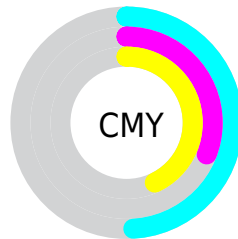
- Red (51%)
- Green (69%)
- Blue (57%)



- Red (51%)
- Yellow (65%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2654, 0.2971, 0.3775 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 38.2654, 0.2971, 0.3775 by changing the saturation by 10% instead.


 38.2654, 0.2971,
0.3775


 38.2654, 0.2971,
0.3775


338.7571, 0.3056,
0.3517


 26.1887, 0.2948,
0.3845


 72.5147, 0.3003,
0.3677

 16.9649, 0.2916,
0.3939

 95.4562, 0.3015,
0.3641

 10.2095, 0.2871,
0.4071


 122.7881, 0.3025,
0.3612

 5.5381, 0.2802,
0.4269

154.8947, 0.3033,
0.3587

 2.5663, 0.2684,
0.4599

192.1606, 0.3040,
0.3566

 0.9097, 0.2215,
0.6215

234.9700, 0.3046,

 0.0000, 0.0000,

0.3547

0.0000

283.7074, 0.3051,
0.3531

■ 38.2654, 0.2971,
0.3775

■ 38.2654, 0.2971,
0.3775

■ 36.6403, 0.2918,
0.3994

■ 40.1716, 0.3028,
0.3575

■ 35.2781, 0.2872,
0.4231

■ 42.3667, 0.3088,
0.3396

■ 34.1659, 0.2837,
0.4479

■ 44.8640, 0.3148,
0.3237

■ 33.2875, 0.2815,
0.4733

■ 47.6745, 0.3206,
0.3097

■ 32.6251, 0.2810,
0.4982

■ 50.8088, 0.3263,
0.2975

■ 32.1578, 0.2821,
0.5216

■ 54.2769, 0.3318,
0.2868

■ 31.8577, 0.2848,
0.5424

■ 58.0884, 0.3369,
0.2775

■ 31.7739, 0.2858,
0.5490

■ 58.9648, 0.3283,
0.2666

■ 59.6797, 0.3192,
0.2561

Harmonies

Analogous

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



38.2654, 0.3338, 0.3942



38.2654, 0.2971, 0.3775



38.2654, 0.2659, 0.3453

Triad

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



38.2654, 0.2971, 0.3775



38.2654, 0.2600, 0.2699



38.2654, 0.3826, 0.3414

Complementary

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



38.2654, 0.2971, 0.3775



27.8889, 0.3327, 0.2850

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.



38.2654, 0.3605, 0.3116



38.2654, 0.2971, 0.3775



38.2654, 0.2887, 0.2717

Square

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



38.2654, 0.2971, 0.3775



38.2654, 0.2455, 0.2830



38.2654, 0.3255, 0.2867



38.2654, 0.3844, 0.3702

Rectangle

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



38.2654, 0.2971, 0.3775



38.2654, 0.2519, 0.3213



38.2654, 0.3255, 0.2867



38.2654, 0.3773, 0.3313

Sweetspot

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



38.2670, 0.2971, 0.3775



75.2149, 0.3078, 0.3423



40.6701, 0.3373, 0.3974



16.1696, 0.3070, 0.3449



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.2670, 0.2971, 0.3775



66.7267, 0.2939, 0.3904



39.0633, 0.2801, 0.3408



9.5362, 0.3071, 0.3444



23.0304, 0.2853, 0.5470



0.7358, 0.2686, 0.4869

Inverse Universe

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



27.8889, 0.3327, 0.2850



44.9230, 0.3385, 0.2748



27.1449, 0.3592, 0.3177



8.5966, 0.3188, 0.3141



7.7118, 0.4280, 0.2131



0.2530, 0.3913, 0.1929

Previews

White Background



This preview shows how the Yxy color 38.2654, 0.2971, 0.3775 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 38.2654, 0.2971, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

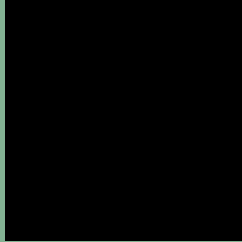
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2654, 0.2971, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 38.2654, 0.2971, 0.3775.



This preview shows how white text looks on a background with the Yxy color 38.2654, 0.2971, 0.3775.

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

38.2654, 0.2971, 0.3775

Protanopia

37.9177, 0.3448, 0.3645

Deuteranopia

38.0350, 0.3497, 0.3427



Tritanopia

38.4111, 0.2743, 0.3100

Trichromacy



Original Color

38.2654, 0.2971, 0.3775

Protanomaly

37.6999, 0.3266, 0.3690

Deuteranomaly

37.6579, 0.3286, 0.3536

Tritanomaly

38.3633, 0.2823, 0.3334

Monochromacy



Original Color

38.2654, 0.2971, 0.3775

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.9014, 0.3064, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2654, 0.2971, 0.3775 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(130, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(130, 177, 146)  
}
```

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(130, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 177, 146) }
```

Border

The CSS property to change the border of an element to Yxy 38.2654, 0.2971, 0.3775 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(130, 177, 146) }
```

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

```
.border{ border-color:rgb(130, 177, 146) }
```

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

Here you see how a box with a 4 pixel rgb(130, 177, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 177, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 177, 146);  
box-shadow:4px 4px 4px 4px rgb(130, 177,  
146) }
```


Background

The CSS property to change the background color of an element to `Yxy 38.2654, 0.2971, 0.3775` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 177, 146) }
```

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

```
.background{ background-color: rgb(130,  
177, 146) }
```

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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