

Converting Colors

$Yxy(38.7402, 0.2783, 0.3540)$

Have a look what the booklet for
Yxy(38.7402, 0.2783, 0.3540)
contains.

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Color

Yxy(38.9138, 0.2787, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	79B3A2
RGB	121, 179, 162
RGB Percent	47%, 70%, 64%
CMY	0.5256, 0.2980, 0.3647
CMYK	0.32, 0.00, 0.09, 0.30
HSL	162°, 28%, 59%
HSV	162°, 32%, 70%
XYZ	30.5243, 38.9138, 40.0857
YIQ	159.7200, -29.1110, -17.5830

Conversions

Conversions Part 2

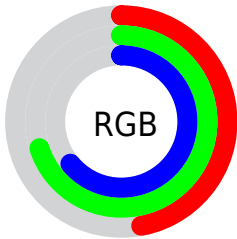
Format	Color
RYB	121, 155, 179
Decimal	7975842
CIELab	68.69, -22.63, 2.67
CIElCh	69, 22.791, 173.264
Yxy	38.9138, 0.2787, 0.3553
Android (android.graphics.Color)	4286165922 (0xFF79B3A2)
YUV	159.7200, 1.1240, -33.9574
Hunter-Lab	62.3809, -21.8229, 5.5672

Details

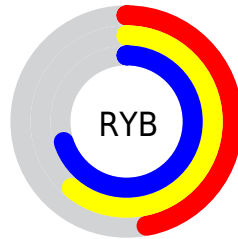
The Yxy color **38.9138, 0.2787, 0.3553** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.0879, 0.3642, 0.3045**, and the grayscale version is **35.0215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5404, 0.2851, 0.3500**, and **17.3127, 0.2682, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **37.5575, 0.2700, 0.3649**, and if you desaturate by 10%, it is **40.5210, 0.2885, 0.3464**.

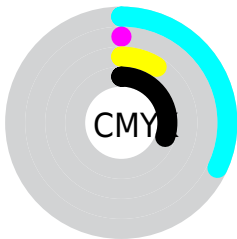
Distribution



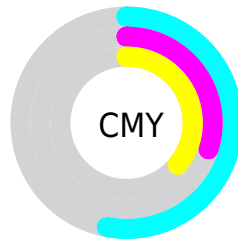
- Red (47%)
- Green (70%)
- Blue (64%)



- Red (47%)
- Yellow (61%)
- Blue (70%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)





- Cyan (53%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9138, 0.2787, 0.3553 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 38.9138, 0.2787, 0.3553 by changing the saturation by 10% instead.


 38.9138, 0.2787,
0.3553


 38.9138, 0.2787,
0.3553


341.5239, 0.2963,
0.3416


 26.6927, 0.2741,
0.3589

 73.5066, 0.2852,
0.3502

 17.3425, 0.2681,
0.3637


 96.6471, 0.2876,
0.3483

 10.4790, 0.2600,
0.3702


 124.1962, 0.2896,
0.3467

 5.7177, 0.2481,
0.3798

156.5382, 0.2914,
0.3454

 2.6742, 0.2296,
0.3952

194.0576, 0.2928,
0.3442

 0.9641, 0.1655,
0.4410

237.1387, 0.2941,

 0.0000, 0.0000,

0.3432

0.0000

286.1660, 0.2953,
0.3424

■ 38.9138, 0.2787,
0.3553

■ 38.9138, 0.2787,
0.3553

■ 37.5575, 0.2700,
0.3649

■ 40.5210, 0.2885,
0.3464

■ 36.4340, 0.2627,
0.3751

■ 42.3867, 0.2990,
0.3382

■ 35.5301, 0.2569,
0.3857


■ 44.5241, 0.3100,
0.3307

■ 34.8294, 0.2530,
0.3967

■ 46.9439, 0.3213,
0.3240

■ 34.3134, 0.2511,
0.4077

■ 49.6564, 0.3326,
0.3180


 33.9594, 0.2510,
0.4187

 52.6712, 0.3439,
0.3127

 33.7642, 0.2519,
0.4270

 55.9977, 0.3549,
0.3081

 57.8614, 0.3578,
0.3033

 58.1173, 0.3532,
0.2979

Harmonies

Analogous

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



38.9138, 0.3103, 0.3808



38.9138, 0.2787, 0.3553



38.9138, 0.2569, 0.3227

Triad

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



38.9138, 0.2787, 0.3553



38.9138, 0.2801, 0.2740



38.9138, 0.3803, 0.3584

Complementary

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



38.9138, 0.2787, 0.3553



25.0879, 0.3642, 0.3045

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.



38.9138, 0.3717, 0.3308



38.9138, 0.2787, 0.3553



38.9138, 0.3123, 0.2838

Square

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



38.9138, 0.2787, 0.3553



38.9138, 0.2577, 0.2772



38.9138, 0.3462, 0.3041



38.9138, 0.3696, 0.3805

Rectangle

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



38.9138, 0.2787, 0.3553



38.9138, 0.2502, 0.3027



38.9138, 0.3462, 0.3041



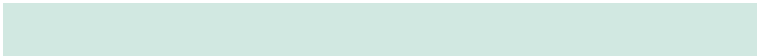
38.9138, 0.3795, 0.3495

Sweetspot

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



38.9154, 0.2787, 0.3553



76.7240, 0.3014, 0.3364



39.0595, 0.3231, 0.4191



16.8856, 0.2999, 0.3375



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.



38.9154, 0.2787, 0.3553



67.8860, 0.2723, 0.3622



35.1030, 0.2650, 0.3110



9.5883, 0.3024, 0.3358



23.8688, 0.2516, 0.4257



0.7606, 0.2431, 0.3953

Inverse Universe

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



25.0879, 0.3642, 0.3045



39.2064, 0.3809, 0.2988



27.6254, 0.3806, 0.3461



8.5449, 0.3243, 0.3223



6.9605, 0.5751, 0.2942



0.2295, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 38.9138, 0.2787, 0.3553 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 38.9138, 0.2787, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

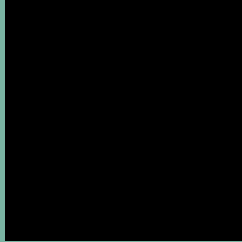
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9138, 0.2787, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 38.9138, 0.2787, 0.3553.

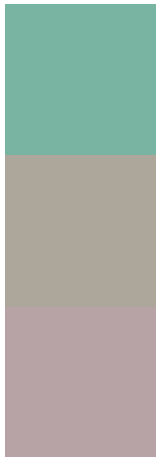


This preview shows how white text looks on a background with the Yxy color 38.9138, 0.2787, 0.3553.

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

38.9138, 0.2787, 0.3553

Protanopia

38.5232, 0.3290, 0.3445

Deuteranopia

38.6611, 0.3292, 0.3236



Tritanopia

38.8461, 0.2640, 0.3083

Trichromacy



Original Color

38.9138, 0.2787, 0.3553

Protanomaly

38.4645, 0.3082, 0.3481

Deuteranomaly

38.1955, 0.3080, 0.3333

Tritanomaly

38.6653, 0.2695, 0.3244

Monochromacy



Original Color

38.9138, 0.2787, 0.3553

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.3216, 0.2988, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9138, 0.2787, 0.3553 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(121, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(121, 179, 162)  
}
```

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(121, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 179, 162) }
```

Border

The CSS property to change the border of an element to Yxy 38.9138, 0.2787, 0.3553 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(121, 179, 162) }
```

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

```
.border{ border-color:rgb(121, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 179, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 179, 162); box-shadow:4px 4px 4px 4px rgb(121, 179, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9138, 0.2787, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 179, 162) }
```

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

```
.background{ background-color: rgb(121,  
179, 162) }
```

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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