

Converting Colors

$Yxy(38.6227, 0.2899, 0.3471)$

Have a look what the booklet for
Yxy(38.6227, 0.2899, 0.3471)
contains.

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Color

Yxy(38.6227, 0.2899, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	89AFA3
RGB	137, 175, 163
RGB Percent	54%, 69%, 64%
CMY	0.4627, 0.3137, 0.3609
CMYK	0.22, 0.00, 0.07, 0.31
HSL	161°, 19%, 61%
HSV	161°, 22%, 69%
XYZ	32.2579, 38.6227, 40.3919
YIQ	162.2700, -18.7960, -11.7880

Conversions

Conversions Part 2

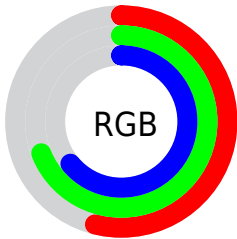
Format	Color
RYB	137, 160, 175
Decimal	9023395
CIELab	68.48, -15.36, 1.94
CIElCh	68, 15.480, 172.785
Yxy	38.6227, 0.2899, 0.3471
Android (android.graphics.Color)	4287213475 (0xFF89AFA3)
YUV	162.2700, 0.3599, -22.1618
Hunter-Lab	62.1472, -16.1059, 4.9681

Details

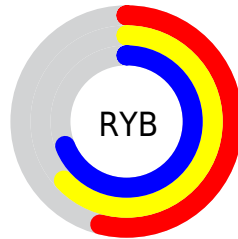
The Yxy color **38.6227, 0.2899, 0.3471** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.1834, 0.3423, 0.3117**, and the grayscale version is **36.2712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2901, 0.2942, 0.3438**, and **17.0452, 0.2828, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **37.0687, 0.2804, 0.3567**, and if you desaturate by 10%, it is **40.4285, 0.3002, 0.3383**.

Distribution



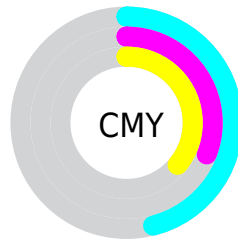
- Red (54%)
- Green (69%)
- Blue (64%)



- Red (54%)
- Yellow (63%)
- Blue (69%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)




- Cyan (46%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6227, 0.2899, 0.3471 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 38.6227, 0.2899, 0.3471 by changing the saturation by 10% instead.


 38.6227, 0.2899,
0.3471


 38.6227, 0.2899,
0.3471

340.2837, 0.3017,
0.3377


 26.4663, 0.2868,
0.3496


 73.0616, 0.2943,
0.3436

 17.1728, 0.2828,
0.3528


 96.1129, 0.2959,
0.3423

 10.3578, 0.2773,
0.3573


 123.5646, 0.2973,
0.3412

 5.6368, 0.2692,
0.3639

155.8012, 0.2984,
0.3403

 2.6255, 0.2566,
0.3744

193.2070, 0.2994,
0.3395

 0.9395, 0.2207,
0.4011

236.1664, 0.3003,

 0.0000, 0.0000,

0.3388

0.0000

285.0639, 0.3010,
0.3382

■ 38.6227, 0.2899,
0.3471

■ 38.6227, 0.2899,
0.3471

■ 37.0687, 0.2804,
0.3567

■ 40.4285, 0.3002,
0.3383

■ 35.7501, 0.2718,
0.3671

■ 42.4922, 0.3109,
0.3303

■ 34.6557, 0.2646,
0.3781

■ 44.8255, 0.3218,
0.3231

■ 33.7719, 0.2589,
0.3897

■ 47.4382, 0.3327,
0.3167

■ 33.0833, 0.2550,
0.4015

■ 50.3395, 0.3436,
0.3111

■ 32.5722, 0.2531,
0.4135

■ 53.5380, 0.3542,
0.3061

■ 32.2179, 0.2531,
0.4255

■ 56.1741, 0.3605,
0.3013

■ 32.0065, 0.2543,
0.4353

■ 56.4410, 0.3556,
0.2957

■ 56.7174, 0.3508,
0.2902

Harmonies

Analogous

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



38.6227, 0.3118, 0.3637



38.6227, 0.2899, 0.3471



38.6227, 0.2744, 0.3255

Triad

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



38.6227, 0.2899, 0.3471



38.6227, 0.2902, 0.2907



38.6227, 0.3585, 0.3496

Complementary

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



38.6227, 0.2899, 0.3471



29.1834, 0.3423, 0.3117

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.



38.6227, 0.3524, 0.3304



38.6227, 0.2899, 0.3471



38.6227, 0.3123, 0.2974

Square

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



38.6227, 0.2899, 0.3471



38.6227, 0.2746, 0.2936



38.6227, 0.3353, 0.3116



38.6227, 0.3518, 0.3643

Rectangle

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



38.6227, 0.2899, 0.3471



38.6227, 0.2695, 0.3119



38.6227, 0.3353, 0.3116



38.6227, 0.3579, 0.3434

Sweetspot

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



38.6243, 0.2899, 0.3471



74.0386, 0.3050, 0.3345



38.9214, 0.3212, 0.3862



16.4088, 0.3044, 0.3350



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.



38.6243, 0.2899, 0.3471



67.7964, 0.2853, 0.3516



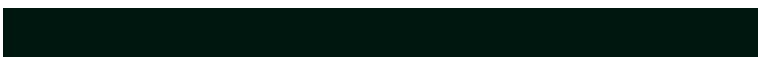
36.6695, 0.2804, 0.3194



9.0283, 0.3027, 0.3363



22.9319, 0.2539, 0.4339



0.6473, 0.2439, 0.3982

Inverse Universe

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



29.1834, 0.3423, 0.3117



47.8791, 0.3507, 0.3076



30.6718, 0.3538, 0.3384



8.0556, 0.3238, 0.3218



6.7373, 0.5663, 0.2893



0.1975, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 38.6227, 0.2899, 0.3471 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 38.6227, 0.2899, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

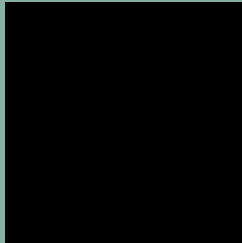
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6227, 0.2899, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 38.6227, 0.2899, 0.3471.

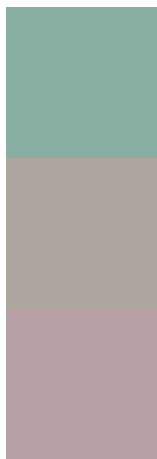


This preview shows how white text looks on a background with the Yxy color 38.6227, 0.2899, 0.3471.

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

38.6227, 0.2899, 0.3471

Protanopia

38.5117, 0.3254, 0.3403

Deuteranopia

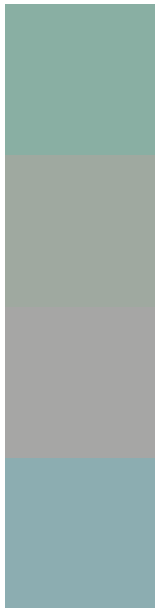
38.3102, 0.3294, 0.3223



Tritanopia

38.6706, 0.2766, 0.3101

Trichromacy



Original Color

38.6227, 0.2899, 0.3471

Protanomaly

38.2849, 0.3112, 0.3421

Deuteranomaly

38.0960, 0.3136, 0.3304

Tritanomaly

38.6369, 0.2817, 0.3230

Monochromacy



Original Color

38.6227, 0.2899, 0.3471

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.0184, 0.3042, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6227, 0.2899, 0.3471 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(137, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(137, 175, 163)  
}
```

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(137, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 175, 163) }
```

Border

The CSS property to change the border of an element to Yxy 38.6227, 0.2899, 0.3471 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(137, 175, 163) }
```

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

```
.border{ border-color:rgb(137, 175, 163) }
```

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

Here you see how a box with a 4 pixel rgb(137, 175, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(137, 175,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6227, 0.2899, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 175, 163) }
```

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

```
.background{ background-color: rgb(137,  
175, 163) }
```

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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