

Converting Colors

$Y_{xy}(38.0720, 0.3059, 0.2855)$

Have a look what the booklet for
Yxy(38.0720, 0.3059, 0.2855)
contains.

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Color

Yxy(38.1604, 0.3063, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	B69EBF
RGB	182, 158, 191
RGB Percent	71%, 62%, 75%
CMY	0.2865, 0.3803, 0.2510
CMYK	0.05, 0.17, 0.00, 0.25
HSL	284°, 20%, 68%
HSV	284°, 17%, 75%
XYZ	40.9119, 38.1604, 54.4958
YIQ	168.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

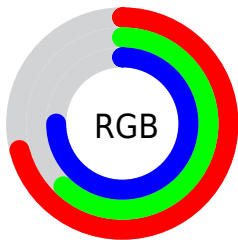
Format	Color
RYB	182, 158, 191
Decimal	11968191
CIELab	68.14, 14.85, -13.73
CIElCh	68, 20.225, 317.259
Yxy	38.1604, 0.3063, 0.2857
Android (android.graphics.Color)	4290158271 (0xFFB69EBF)
YUV	168.9380, 10.8766, 11.4554
Hunter-Lab	61.7741, 10.1127, -9.0625

Details

The Yxy color **38.1604, 0.3063, 0.2857** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.9521, 0.3180, 0.3741**, and the grayscale version is **39.5860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4810, 0.3079, 0.2943**, and **17.0175, 0.3036, 0.2734** is the 20% darker color. If you saturate the color by 10%, you get **31.5174, 0.3016, 0.2591**, and if you desaturate by 10%, it is **45.8432, 0.3103, 0.3113**.

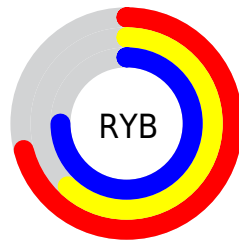
Distribution



Red (71%)

Green (62%)

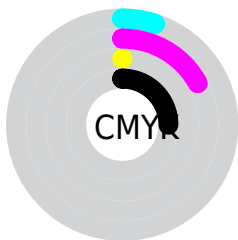
Blue (75%)



Red (71%)

Yellow (62%)

Blue (75%)

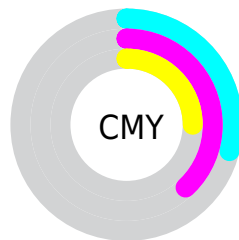


Cyan (5%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1604, 0.3063, 0.2857 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 38.1604, 0.3063, 0.2857 by changing the saturation by 10% instead.


 38.1604, 0.3063,
0.2857


 38.1604, 0.3063,
0.2857


338.3075, 0.3099,
0.3074

 26.1072, 0.3053,
0.2803


 72.3539, 0.3077,
0.2936

 16.9039, 0.3039,
0.2733


 95.2630, 0.3082,
0.2965

 10.1660, 0.3020,
0.2641


122.5596, 0.3086,
0.2991

 5.5091, 0.2991,
0.2512

154.6279, 0.3089,
0.3012

 2.5490, 0.2943,
0.2320

191.8525, 0.3092,
0.3031

 0.9011, 0.2849,
0.2008

234.6177, 0.3095,

 0.0000, 0.1849,

0.3047

0.0000

283.3079, 0.3097,
0.3061

■ 0.0000, 0.0000,
0.0000

■ 38.1604, 0.3063,
0.2857

■ 38.1604, 0.3063,
0.2857

■ 31.5174, 0.3016,
0.2591

■ 45.8432, 0.3103,
0.3113

■ 25.8624, 0.2962,
0.2322

■ 54.6048, 0.3136,
0.3354

■ 21.1465, 0.2901,
0.2058

■ 64.4881, 0.3162,
0.3579

■ 17.3147, 0.2833,
0.1811

■ 75.5322, 0.3184,
0.3784

■ 14.3059, 0.2761,
0.1592

■ 87.7744, 0.3201,
0.3971

■ 12.0514, 0.2687,
0.1411

■ 89.4869, 0.3233,
0.3978

■ 10.4710, 0.2613,
0.1275

■ 90.2855, 0.3267,
0.3971

■ 9.4512, 0.2542,
0.1185

■ 91.1096, 0.3301,
0.3964

■ 9.2138, 0.2523,
0.1163

■ 91.9595, 0.3335,
0.3956

Harmonies

Analogous

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



38.1604, 0.2787, 0.2791



38.1604, 0.3063, 0.2857



38.1604, 0.3370, 0.3024

Triad

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



38.1604, 0.3063, 0.2857



38.1604, 0.3668, 0.3720



38.1604, 0.2657, 0.3294

Complementary

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



38.1604, 0.3063, 0.2857



47.9521, 0.3180, 0.3741

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.



38.1604, 0.2875, 0.3578



38.1604, 0.3063, 0.2857



38.1604, 0.3459, 0.3827

Square

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



38.1604, 0.3063, 0.2857



38.1604, 0.3728, 0.3509



38.1604, 0.3168, 0.3779



38.1604, 0.2561, 0.3025

Rectangle

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



38.1604, 0.3063, 0.2857



38.1604, 0.3547, 0.3175



38.1604, 0.3168, 0.3779



38.1604, 0.2717, 0.3391

Sweetspot

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



38.1620, 0.3063, 0.2857



85.3688, 0.3110, 0.3167



38.8048, 0.2854, 0.2962



18.5108, 0.3108, 0.3150



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.1620, 0.3063, 0.2857



63.2891, 0.3045, 0.2750



38.9923, 0.3211, 0.2956



9.5611, 0.3095, 0.3061



6.0972, 0.2532, 0.1168



0.2697, 0.2701, 0.1262

Inverse Universe

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



38.3306, 0.3367, 0.3171



63.6868, 0.3437, 0.3141



47.2535, 0.3053, 0.3649



9.5782, 0.3246, 0.3227



7.4565, 0.5822, 0.2981



0.3035, 0.5117, 0.2593

Previews

White Background



This preview shows how the Yxy color 38.1604, 0.3063, 0.2857 looks on a white background.

Color Contrast Check

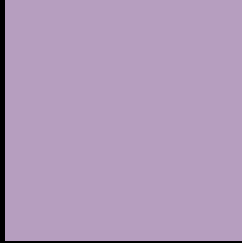
Large Text (above 18pt) WCAG AA × Fail

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 38.1604, 0.3063, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

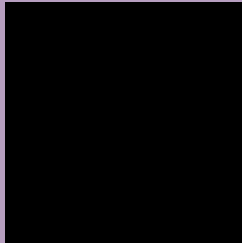
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1604, 0.3063, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 38.1604, 0.3063, 0.2857.



This preview shows how white text looks on a background with the Yxy color 38.1604, 0.3063, 0.2857.

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

38.1604, 0.3063, 0.2857

Protanopia

38.3240, 0.2839, 0.2878

Deuteranopia

38.2163, 0.2972, 0.2911



Tritanopia

38.1294, 0.3183, 0.3114

Trichromacy



Original Color

38.1604, 0.3063, 0.2857

Protanomaly

38.0605, 0.2913, 0.2857

Deuteranomaly

38.3214, 0.3008, 0.2902

Tritanomaly

38.1402, 0.3140, 0.3022

Monochromacy



Original Color

38.1604, 0.3063, 0.2857

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0833, 0.3107, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1604, 0.3063, 0.2857 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(182, 158, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 158, 191)  
}
```

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(182, 158, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 158, 191) }
```

Border

The CSS property to change the border of an element to Yxy 38.1604, 0.3063, 0.2857 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(182, 158, 191) }
```

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

```
.border{ border-color:rgb(182, 158, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 158, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 158, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 158, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 158,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1604, 0.3063, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 158, 191) }
```

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

```
.background{ background-color: rgb(182,  
158, 191) }
```

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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