

Converting Colors

$Yxy(38.4070, 0.2985, 0.3099)$

Have a look what the booklet for
Yxy(38.4070, 0.2985, 0.3099)
contains.

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Color

Yxy(38.3543, 0.2983, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	A3A6B4
RGB	163, 166, 180
RGB Percent	64%, 65%, 71%
CMY	0.3608, 0.3490, 0.2941
CMYK	0.09, 0.08, 0.00, 0.29
HSL	229°, 10%, 67%
HSV	229°, 9%, 71%
XYZ	36.9783, 38.3543, 48.6309
YIQ	166.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

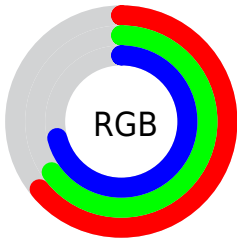
Format	Color
R_{YB}	163, 166, 180
Decimal	10725044
CIE Lab	68.28, 1.73, -7.57
CIE LCh	68, 7.762, 282.888
Yxy	38.3543, 0.2983, 0.3094
Android (android.graphics.Color)	4288915124 (0xFFA3A6B4)
YUV	166.6990, 6.5574, -3.2440
Hunter-Lab	61.9308, -1.7984, -3.2056

Details

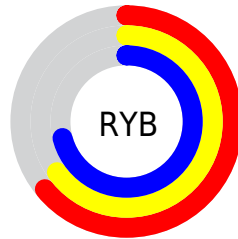
The Yxy color **38.3543, 0.2983, 0.3094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7884, 0.3269, 0.3479**, and the grayscale version is **38.4602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6745, 0.3010, 0.3129**, and **16.9464, 0.2938, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **31.5080, 0.2816, 0.2861**, and if you desaturate by 10%, it is **46.0951, 0.3135, 0.3301**.

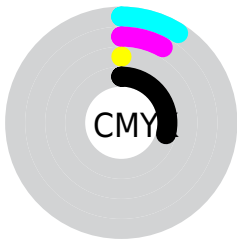
Distribution



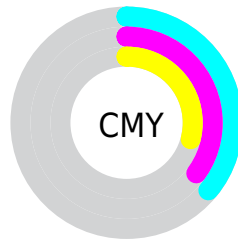
- Red (64%)
- Green (65%)
- Blue (71%)



- Red (64%)
- Yellow (65%)
- Blue (71%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3543, 0.2983, 0.3094 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 38.3543, 0.2983, 0.3094 by changing the saturation by 10% instead.

■ 38.3543, 0.2983,
0.3094

■ 38.3543, 0.2983,
0.3094

■ 339.1374, 0.3057,
0.3195

■ 26.2578, 0.2964,
0.3068

■ 72.6509, 0.3011,
0.3131

■ 17.0166, 0.2938,
0.3034

■ 95.6197, 0.3021,
0.3145

■ 10.2463, 0.2904,
0.2988

■ 122.9814, 0.3029,
0.3157

■ 5.5626, 0.2854,
0.2922

■ 155.1205, 0.3037,
0.3166

■ 2.5810, 0.2775,
0.2819

■ 192.4212, 0.3043,
0.3175

■ 0.9171, 0.2634,
0.2638

■ 235.2680, 0.3048,

■ 0.0000, 0.0000,

0.3182

0.0000

284.0452, 0.3053,
0.3189

■ 38.3543, 0.2983,
0.3094

■ 38.3543, 0.2983,
0.3094

■ 31.5080, 0.2816,
0.2861

■ 46.0951, 0.3135,
0.3301

■ 25.5190, 0.2635,
0.2601

■ 54.7563, 0.3272,
0.3482

■ 20.3546, 0.2444,
0.2319

■ 64.3686, 0.3394,
0.3640

■ 15.9781, 0.2248,
0.2020

■ 74.9600, 0.3502,
0.3777

■ 12.3502, 0.2058,
0.1717

■ 86.5571, 0.3598,
0.3896

■ 9.4277, 0.1883,
0.1423

■ 96.0240, 0.3573,
0.4027

■ 7.1632, 0.1735,
0.1157

■ 96.0751, 0.3573,
0.4028

■ 5.5028, 0.1623,
0.0936

■ 4.3689, 0.1549,
0.0770

Harmonies

Analogous

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



38.3543, 0.2917, 0.3128



38.3543, 0.2983, 0.3094



38.3543, 0.3088, 0.3111

Triad

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



38.3543, 0.2983, 0.3094



38.3543, 0.3353, 0.3367



38.3543, 0.3047, 0.3411

Complementary

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



38.3543, 0.2983, 0.3094



43.7884, 0.3269, 0.3479

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.



38.3543, 0.3163, 0.3478



38.3543, 0.2983, 0.3094



38.3543, 0.3341, 0.3450

Square

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



38.3543, 0.2983, 0.3094



38.3543, 0.3303, 0.3266



38.3543, 0.3271, 0.3491



38.3543, 0.2954, 0.3311

Rectangle

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



38.3543, 0.2983, 0.3094



38.3543, 0.3167, 0.3149



38.3543, 0.3271, 0.3491



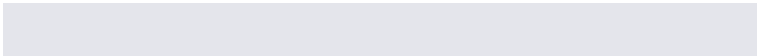
38.3543, 0.3085, 0.3438

Sweetspot

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



38.3559, 0.2983, 0.3094



78.3285, 0.3082, 0.3229



43.5968, 0.3008, 0.3333



16.6842, 0.3070, 0.3213



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.



38.3559, 0.2983, 0.3094



67.2669, 0.2955, 0.3055



37.8572, 0.3031, 0.3055



8.4649, 0.2985, 0.3097



3.0853, 0.1550, 0.0778



0.1702, 0.1679, 0.1243

Inverse Universe

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



38.6512, 0.3262, 0.3249



67.9161, 0.3290, 0.3242



44.3542, 0.3217, 0.3521



8.5290, 0.3260, 0.3250



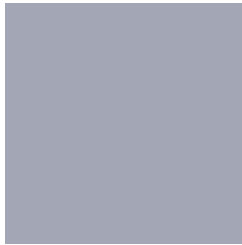
6.8516, 0.6104, 0.3136



0.2230, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 38.3543, 0.2983, 0.3094 looks on a white background.

Color Contrast Check

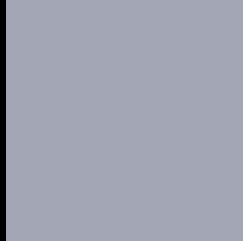
Large Text (above 18pt) WCAG AA × Fail

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 38.3543, 0.2983, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

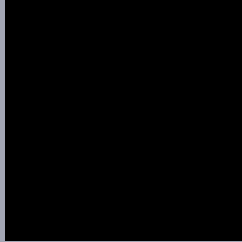
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

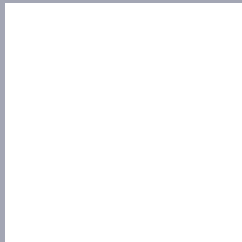
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.3543, 0.2983, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 38.3543, 0.2983, 0.3094.

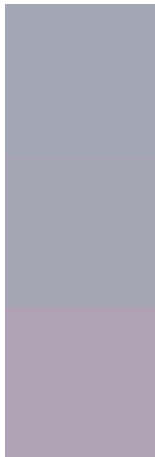


This preview shows how white text looks on a background with the Yxy color 38.3543, 0.2983, 0.3094.

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

38.3543, 0.2983, 0.3094

Protanopia

38.2049, 0.3001, 0.3081

Deuteranopia

38.4070, 0.3093, 0.3033



Tritanopia

38.3136, 0.2991, 0.3108

Trichromacy



Original Color

38.3543, 0.2983, 0.3094

Protanomaly

38.0981, 0.2992, 0.3080

Deuteranomaly

38.1885, 0.3047, 0.3043

Tritanomaly

38.3136, 0.2991, 0.3108

Monochromacy



Original Color

38.3543, 0.2983, 0.3094

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7230, 0.3076, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3543, 0.2983, 0.3094 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(163, 166, 180)` looks like.

```
.text, #text, p{  
    color:rgb(163, 166, 180)  
}
```

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(163, 166, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 166, 180) }
```

Border

The CSS property to change the border of an element to Yxy 38.3543, 0.2983, 0.3094 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(163, 166, 180) }
```

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

```
.border{ border-color:rgb(163, 166, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 166, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(163, 166,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3543, 0.2983, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 166, 180) }
```

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

```
.background{ background-color: rgb(163,  
166, 180) }
```

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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