

Converting Colors

$Y_{xy}(40.4610, 0.2885, 0.2942)$

Have a look what the booklet for
Yxy(40.4610, 0.2885, 0.2942)
contains.

Yxy(40.3154, 0.2883, 0.2938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.3154, 0.2883, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	A5A9C3
RGB	165, 169, 195
RGB Percent	65%, 66%, 76%
CMY	0.3529, 0.3373, 0.2352
CMYK	0.15, 0.13, 0.00, 0.24
HSL	232°, 20%, 71%
HSV	232°, 15%, 76%
XYZ	39.5607, 40.3154, 57.3445
YIQ	170.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

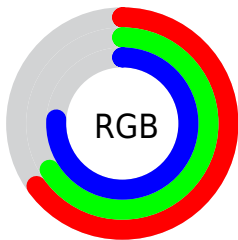
Format	Color
RYB	165, 169, 195
Decimal	10856899
CIELab	69.69, 3.95, -13.77
CIELCh	70, 14.320, 286.006
Yxy	40.3154, 0.2883, 0.2938
Android (android.graphics.Color)	4289046979 (0xFFA5A9C3)
YUV	170.7680, 11.9464, -5.0585
Hunter-Lab	63.4944, 0.1006, -9.1012

Details

The Yxy color **40.3154, 0.2883, 0.2938** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.6092, 0.3363, 0.3619**, and the grayscale version is **40.5480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5552, 0.2925, 0.2997**, and **18.1564, 0.2814, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **32.4895, 0.2704, 0.2673**, and if you desaturate by 10%, it is **49.2782, 0.3046, 0.3174**.

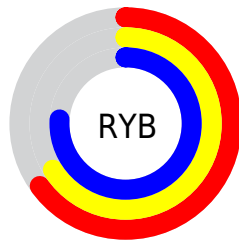
Distribution



Red (65%)

Green (66%)

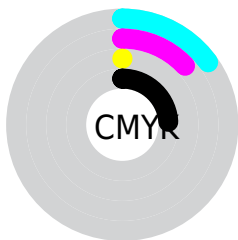
Blue (76%)



Red (65%)

Yellow (66%)

Blue (76%)

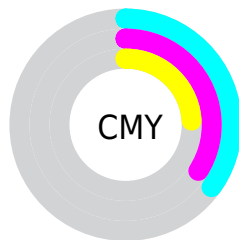


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (35%)


Magenta (34%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3154, 0.2883, 0.2938 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 40.3154, 0.2883, 0.2938 by changing the saturation by 10% instead.


 40.3154, 0.2883,
0.2938


 40.3154, 0.2883,
0.2938

347.4511, 0.3008,
0.3116

 27.7845, 0.2851,
0.2893


 75.6436, 0.2929,
0.3003

 18.1633, 0.2809,
0.2835


 99.2096, 0.2946,
0.3027

 11.0673, 0.2753,
0.2758


127.2229, 0.2961,
0.3048

 6.1121, 0.2673,
0.2650

160.0678, 0.2973,
0.3065

 2.9134, 0.2551,
0.2487

198.1287, 0.2983,
0.3080

 1.0867, 0.2342,
0.2218

241.7899, 0.2993,

 0.0000, 0.0648,

0.3094

0.0000

291.4359, 0.3001,
0.3105

0.0000, 0.0000,
0.0000

40.3154, 0.2883,
0.2938

40.3154, 0.2883,
0.2938

32.4895, 0.2704,
0.2673

49.2782, 0.3046,
0.3174

25.7500, 0.2512,
0.2382

59.4156, 0.3193,
0.3382

20.0501, 0.2312,
0.2072

70.7700, 0.3322,
0.3564

15.3376, 0.2112,
0.1754

83.3800, 0.3437,
0.3721

11.5557, 0.1925,
0.1444

95.8254, 0.3487,
0.3867

■ 8.6417, 0.1762,
0.1162

■ 96.7216, 0.3484,
0.3879

■ 6.5251, 0.1637,
0.0928

■ 5.1234, 0.1554,
0.0756

■ 4.6734, 0.1528,
0.0699

Harmonies

Analogous

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



40.3154, 0.2758, 0.2985



40.3154, 0.2883, 0.2938



40.3154, 0.3076, 0.2980

Triad

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



40.3154, 0.2883, 0.2938



40.3154, 0.3542, 0.3441



40.3154, 0.2961, 0.3495

Complementary

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



40.3154, 0.2883, 0.2938



51.6092, 0.3363, 0.3619

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.



40.3154, 0.3168, 0.3628



40.3154, 0.2883, 0.2938



40.3154, 0.3507, 0.3588

Square

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



40.3154, 0.2883, 0.2938



40.3154, 0.3461, 0.3263



40.3154, 0.3368, 0.3660



40.3154, 0.2802, 0.3304

Rectangle

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



40.3154, 0.2883, 0.2938



40.3154, 0.3219, 0.3051



40.3154, 0.3368, 0.3660



40.3154, 0.3027, 0.3548

Sweetspot

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



40.3171, 0.2883, 0.2938



88.7589, 0.3051, 0.3181



50.8086, 0.2924, 0.3342



19.1693, 0.3040, 0.3165



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



40.3171, 0.2883, 0.2938



67.9271, 0.2833, 0.2864



40.0914, 0.2976, 0.2894



9.9584, 0.2983, 0.3084



3.1078, 0.1532, 0.0713



0.2060, 0.1619, 0.1029

Inverse Universe

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



41.3877, 0.3376, 0.3239



70.2152, 0.3433, 0.3229



51.9554, 0.3263, 0.3678



10.0991, 0.3269, 0.3260



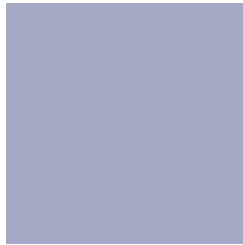
7.5960, 0.6211, 0.3195



0.3354, 0.5716, 0.2922

Previews

White Background



This preview shows how the Yxy color 40.3154, 0.2883, 0.2938 looks on a white background.

Color Contrast Check

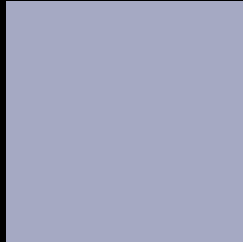
Large Text (above 18pt) WCAG AA × Fail

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 40.3154, 0.2883, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

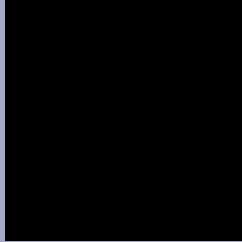
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

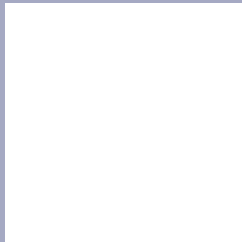
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3154, 0.2883, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 40.3154, 0.2883, 0.2938.



This preview shows how white text looks on a background with the Yxy color 40.3154, 0.2883, 0.2938.

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

40.3154, 0.2883, 0.2938

Protanopia

40.4231, 0.2891, 0.2939

Deuteranopia

40.3719, 0.2959, 0.2894



Tritanopia

40.3730, 0.2952, 0.3110

Trichromacy



Original Color

40.3154, 0.2883, 0.2938

Protanomaly

40.4231, 0.2891, 0.2939

Deuteranomaly

40.2809, 0.2925, 0.2904

Tritanomaly

40.2728, 0.2929, 0.3043

Monochromacy



Original Color

40.3154, 0.2883, 0.2938

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4798, 0.3036, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3154, 0.2883, 0.2938 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(165, 169, 195)` looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 195)  
}
```

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(165, 169, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 195) }
```

Border

The CSS property to change the border of an element to Yxy 40.3154, 0.2883, 0.2938 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(165, 169, 195) }
```

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

```
.border{ border-color:rgb(165, 169, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 169, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 169, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 169, 195);  
box-shadow:4px 4px 4px 4px rgb(165, 169,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3154, 0.2883, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 195) }
```

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

```
.background{ background-color: rgb(165,  
169, 195) }
```

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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