

Converting Colors

$Y_{xy}(41.6465, 0.2882, 0.3063)$

Have a look what the booklet for
Yxy(41.6465, 0.2882, 0.3063)
contains.

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Color

Yxy(41.6108, 0.2883, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	A1AEBF
RGB	161, 174, 191
RGB Percent	63%, 68%, 75%
CMY	0.3685, 0.3177, 0.2509
CMYK	0.16, 0.09, 0.00, 0.25
HSL	214°, 19%, 69%
HSV	214°, 16%, 75%
XYZ	39.2424, 41.6108, 55.2633
YIQ	172.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

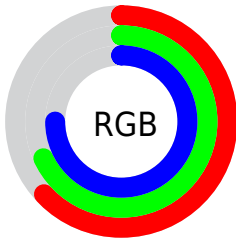
Format	Color
RYB	161, 170, 191
Decimal	10596031
CIELab	70.60, -0.97, -10.22
CIELCh	71, 10.267, 264.580
Yxy	41.6108, 0.2883, 0.3057
Android (android.graphics.Color)	4288786111 (0xFFA1AEBF)
YUV	172.0510, 9.3419, -9.6917
Hunter-Lab	64.5064, -4.2961, -5.6398

Details

The Yxy color **41.6108, 0.2883, 0.3057** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5103, 0.3385, 0.3513**, and the grayscale version is **41.2417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3530, 0.2930, 0.3100**, and **19.0053, 0.2806, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **35.7565, 0.2719, 0.2887**, and if you desaturate by 10%, it is **48.1097, 0.3041, 0.3210**.

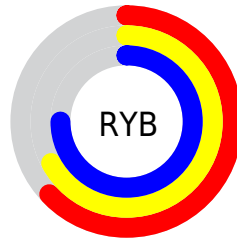
Distribution



Red (63%)

Green (68%)

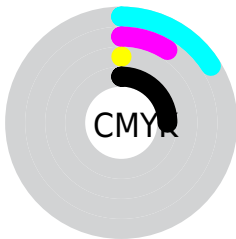
Blue (75%)



Red (63%)

Yellow (67%)

Blue (75%)

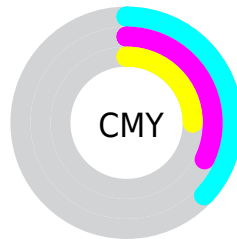


Cyan (16%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (37%)


Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6108, 0.2883, 0.3057 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 41.6108, 0.2883, 0.3057 by changing the saturation by 10% instead.


 41.6108, 0.2883,
0.3057

 41.6108, 0.2883,
0.3057


352.8670, 0.3007,
0.3176

 28.7967, 0.2852,
0.3027


 77.6102, 0.2928,
0.3101

 18.9271, 0.2811,
0.2988


 101.5643, 0.2945,
0.3117

 11.6176, 0.2756,
0.2935


130.0005, 0.2960,
0.3130

 6.4838, 0.2679,
0.2860

163.3033, 0.2972,
0.3142

 3.1415, 0.2562,
0.2746

201.8569, 0.2982,
0.3152

 1.2060, 0.2365,
0.2553

246.0458, 0.2991,

 0.0666, 0.0444,

0.3161

0.0746

296.2543, 0.3000,
0.3169

0.0000, 0.0000,
0.0000

41.6108, 0.2883,
0.3057

41.6108, 0.2883,
0.3057

35.7565, 0.2719,
0.2887

48.1097, 0.3041,
0.3210

30.5200, 0.2551,
0.2700

55.2686, 0.3190,
0.3347

25.8800, 0.2383,
0.2499

63.1087, 0.3330,
0.3467

21.8119, 0.2221,
0.2287

71.6486, 0.3460,
0.3573

18.2890, 0.2070,
0.2067

80.6149, 0.3569,
0.3668

■ 15.2821, 0.1937,
0.1848

■ 86.7735, 0.3544,
0.3772

■ 12.7581, 0.1826,
0.1635

■ 93.3129, 0.3519,
0.3873

■ 10.6779, 0.1742,
0.1437

■ 96.5424, 0.3508,
0.3919

■ 9.8920, 0.1710,
0.1357

Harmonies

Analogous

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



41.6108, 0.2841, 0.3137



41.6108, 0.2883, 0.3057



41.6108, 0.2990, 0.3040

Triad

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



41.6108, 0.2883, 0.3057



41.6108, 0.3388, 0.3309



41.6108, 0.3114, 0.3507

Complementary

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



41.6108, 0.2883, 0.3057



45.5103, 0.3385, 0.3513

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.



41.6108, 0.3262, 0.3552



41.6108, 0.2883, 0.3057



41.6108, 0.3422, 0.3433

Square

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



41.6108, 0.2883, 0.3057



41.6108, 0.3282, 0.3184



41.6108, 0.3375, 0.3524



41.6108, 0.2972, 0.3399

Rectangle

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



41.6108, 0.2883, 0.3057



41.6108, 0.3085, 0.3064



41.6108, 0.3375, 0.3524



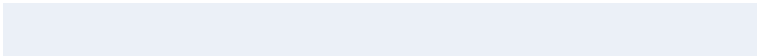
41.6108, 0.3164, 0.3530

Sweetspot

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



41.6125, 0.2883, 0.3057



86.9122, 0.3050, 0.3219



48.0638, 0.2984, 0.3466



18.8937, 0.3039, 0.3209



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.



41.6125, 0.2883, 0.3057



70.6105, 0.2825, 0.2998



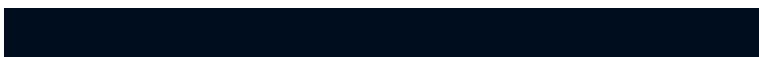
37.0483, 0.2893, 0.2876



9.8859, 0.2984, 0.3156



6.6535, 0.1717, 0.1381



0.3908, 0.1849, 0.1858

Inverse Universe

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



39.6318, 0.3298, 0.3121



66.5139, 0.3344, 0.3080



50.6645, 0.3342, 0.3677



9.6031, 0.3222, 0.3191



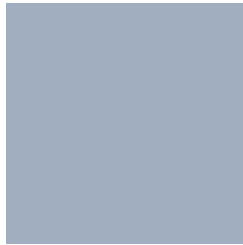
7.7014, 0.5216, 0.2647



0.3148, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 41.6108, 0.2883, 0.3057 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 41.6108, 0.2883, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

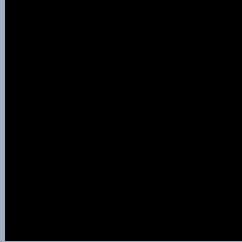
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

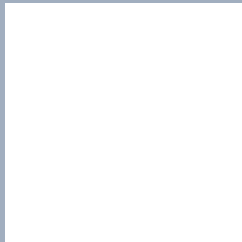
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6108, 0.2883, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 41.6108, 0.2883, 0.3057.



This preview shows how white text looks on a background with the Yxy color 41.6108, 0.2883, 0.3057.

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

41.6108, 0.2883, 0.3057

Protanopia

41.4579, 0.2981, 0.3048

Deuteranopia

41.5143, 0.3035, 0.2976



Tritanopia

41.4800, 0.2905, 0.3097

Trichromacy



Original Color

41.6108, 0.2883, 0.3057

Protanomaly

41.4382, 0.2939, 0.3046

Deuteranomaly

41.4395, 0.2974, 0.2997

Tritanomaly

41.5233, 0.2898, 0.3084

Monochromacy



Original Color

41.6108, 0.2883, 0.3057

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4666, 0.3034, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6108, 0.2883, 0.3057 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(161, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(161, 174, 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(161, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 174, 191) }
```

Border

The CSS property to change the border of an element to Yxy 41.6108, 0.2883, 0.3057 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(161, 174, 191) }
```

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

```
.border{ border-color:rgb(161, 174, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(161, 174,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6108, 0.2883, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 174, 191) }
```

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

```
.background{ background-color: rgb(161,  
174, 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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