

Converting Colors

$Y_{xy}(41.6841, 0.2953, 0.3064)$

Have a look what the booklet for
Yxy(41.6841, 0.2953, 0.3064)
contains.

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Color

Yxy(41.5040, 0.2956, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	A8ACBD
RGB	168, 172, 189
RGB Percent	66%, 67%, 74%
CMY	0.3410, 0.3255, 0.2589
CMYK	0.11, 0.09, 0.00, 0.26
HSL	229°, 14%, 70%
HSV	229°, 11%, 74%
XYZ	40.0934, 41.5040, 54.0366
YIQ	172.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

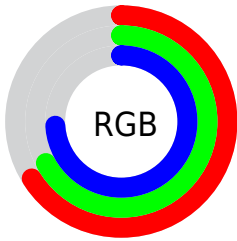
Format	Color
RYB	168, 171, 189
Decimal	11054269
CIELab	70.53, 2.02, -9.16
CIElCh	71, 9.381, 282.448
Yxy	41.5040, 0.2956, 0.3060
Android (android.graphics.Color)	4289244349 (0xFFA8ACBD)
YUV	172.7420, 8.0152, -4.1587
Hunter-Lab	64.4236, -1.6535, -4.6342

Details

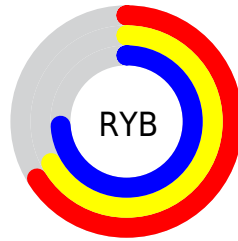
The Yxy color $41.5040, 0.2956, 0.3060$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.3669, 0.3296, 0.3510$, and the grayscale version is $41.6166, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2187, 0.2988, 0.3102$, and $18.9235, 0.2903, 0.2991$ is the 20% darker color. If you saturate the color by 10%, you get $34.0721, 0.2786, 0.2825$, and if you desaturate by 10%, it is $49.9153, 0.3111, 0.3269$.

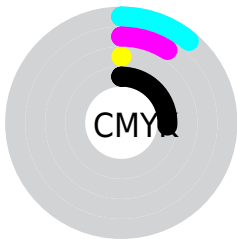
Distribution



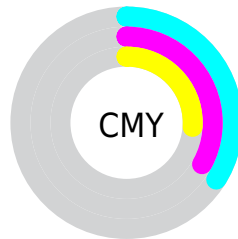
- Red (66%)
- Green (67%)
- Blue (74%)



- Red (66%)
- Yellow (67%)
- Blue (74%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5040, 0.2956, 0.3060 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 41.5040, 0.2956, 0.3060 by changing the saturation by 10% instead.

■ 41.5040, 0.2956,
0.3060

■ 41.5040, 0.2956,
0.3060

■ 352.4227, 0.3043,
0.3176

■ 28.7131, 0.2934,
0.3031

■ 77.4484, 0.2988,
0.3103

■ 18.8639, 0.2905,
0.2992

■ 101.3707, 0.3000,
0.3119

■ 11.5720, 0.2866,
0.2941

■ 129.7722, 0.3010,
0.3132

■ 6.4529, 0.2810,
0.2869

■ 163.0374, 0.3019,
0.3143

■ 3.1224, 0.2725,
0.2759

■ 201.5507, 0.3026,
0.3153

■ 1.1960, 0.2579,
0.2574

■ 245.6964, 0.3032,

■ 0.0584, 0.1209,

0.3162

0.0673

295.8589, 0.3038,
0.3170

0.0000, 0.0000,
0.0000

41.5040, 0.2956,
0.3060

41.5040, 0.2956,
0.3060

34.0721, 0.2786,
0.2825

49.9153, 0.3111,
0.3269

27.5785, 0.2603,
0.2564

59.3347, 0.3251,
0.3453

21.9871, 0.2411,
0.2281

69.7962, 0.3376,
0.3613

17.2572, 0.2217,
0.1984

81.3306, 0.3488,
0.3751

13.3449, 0.2029,
0.1683

92.5076, 0.3534,
0.3882

■ 10.2025, 0.1859,
0.1394

■ 96.4538, 0.3520,
0.3939

■ 7.7770, 0.1717,
0.1134

■ 6.0080, 0.1612,
0.0920

■ 4.9083, 0.1549,
0.0776

Harmonies

Analogous

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



41.5040, 0.2880, 0.3100



41.5040, 0.2956, 0.3060



41.5040, 0.3079, 0.3080

Triad

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



41.5040, 0.2956, 0.3060



41.5040, 0.3393, 0.3378



41.5040, 0.3035, 0.3434

Complementary

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



41.5040, 0.2956, 0.3060



48.3669, 0.3296, 0.3510

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.



41.5040, 0.3171, 0.3512



41.5040, 0.2956, 0.3060



41.5040, 0.3380, 0.3476

Square

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



41.5040, 0.2956, 0.3060



41.5040, 0.3333, 0.3260



41.5040, 0.3298, 0.3527



41.5040, 0.2925, 0.3316

Rectangle

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



41.5040, 0.2956, 0.3060



41.5040, 0.3171, 0.3123



41.5040, 0.3298, 0.3527



41.5040, 0.3079, 0.3466

Sweetspot

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



41.5057, 0.2956, 0.3060



86.3013, 0.3082, 0.3230



48.2166, 0.2990, 0.3345



18.2892, 0.3070, 0.3214



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.5057, 0.2956, 0.3060



71.3660, 0.2921, 0.3012



40.7353, 0.3010, 0.3010



9.5080, 0.2984, 0.3098



3.3874, 0.1554, 0.0793



0.2218, 0.1672, 0.1217

Inverse Universe

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



41.8204, 0.3287, 0.3239



72.0654, 0.3322, 0.3229



49.2524, 0.3236, 0.3564



9.5649, 0.3259, 0.3247



7.3716, 0.6081, 0.3124



0.2977, 0.5442, 0.2772

Previews

White Background



This preview shows how the Yxy color 41.5040, 0.2956, 0.3060 looks on a white background.

Color Contrast Check

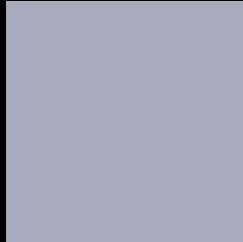
Large Text (above 18pt) WCAG AA × Fail

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 41.5040, 0.2956, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

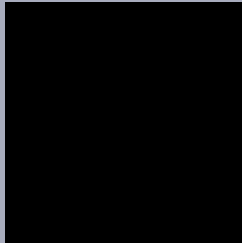
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

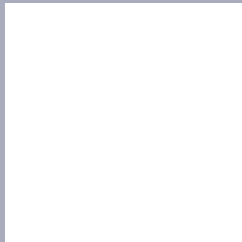
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5040, 0.2956, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 41.5040, 0.2956, 0.3060.

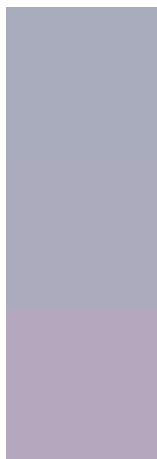


This preview shows how white text looks on a background with the Yxy color 41.5040, 0.2956, 0.3060.

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

41.5040, 0.2956, 0.3060

Protanopia

41.4579, 0.2981, 0.3048

Deuteranopia

41.5467, 0.3060, 0.3002



Tritanopia

41.3750, 0.2979, 0.3100

Trichromacy



Original Color

41.5040, 0.2956, 0.3060

Protanomaly

41.3460, 0.2972, 0.3048

Deuteranomaly

41.3237, 0.3016, 0.3011

Tritanomaly

41.4177, 0.2971, 0.3086

Monochromacy



Original Color

41.5040, 0.2956, 0.3060

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7997, 0.3060, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5040, 0.2956, 0.3060 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(168, 172, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 172, 189)  
}
```

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(168, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 172, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.5040, 0.2956, 0.3060 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(168, 172, 189) }
```

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

```
.border{ border-color:rgb(168, 172, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 172, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 172, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 172, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 172,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5040, 0.2956, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 172, 189) }
```

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

```
.background{ background-color: rgb(168,  
172, 189) }
```

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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