

Converting Colors

$Y_{xy}(41.8171, 0.2953, 0.3157)$

Have a look what the booklet for
Yxy(41.8171, 0.2953, 0.3157)
contains.

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Color

Yxy(41.9072, 0.2953, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	A3AFB8
RGB	163, 175, 184
RGB Percent	64%, 69%, 72%
CMY	0.3607, 0.3137, 0.2785
CMYK	0.11, 0.05, 0.00, 0.28
HSL	206°, 13%, 68%
HSV	206°, 11%, 72%
XYZ	39.0878, 41.9072, 51.3714
YIQ	172.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

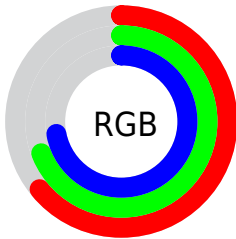
Format	Color
R _Y B	163, 171, 184
Decimal	10727352
CIE Lab	70.81, -2.34, -6.03
CIE LCh	71, 6.471, 248.766
Yxy	41.9072, 0.2953, 0.3166
Android (android.graphics.Color)	4288917432 (0xFFA3AFB8)
YUV	172.4380, 5.7001, -8.2771
Hunter-Lab	64.7358, -5.5084, -1.7348

Details

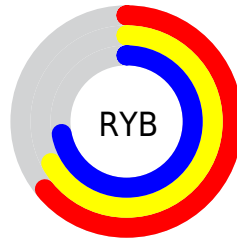
The Yxy color **41.9072, 0.2953, 0.3166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3435, 0.3313, 0.3411**, and the grayscale version is **41.4648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7903, 0.2985, 0.3184**, and **19.1841, 0.2900, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **37.1241, 0.2797, 0.3045**, and if you desaturate by 10%, it is **47.1557, 0.3106, 0.3276**.

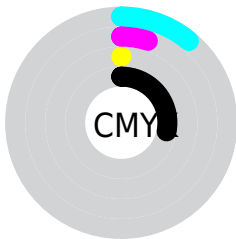
Distribution



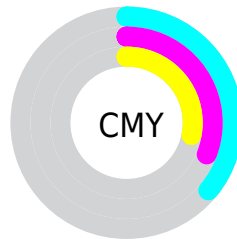
- Red (64%)
- Green (69%)
- Blue (72%)



- Red (64%)
- Yellow (67%)
- Blue (72%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)




- Cyan (36%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9072, 0.2953, 0.3166 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 41.9072, 0.2953, 0.3166 by changing the saturation by 10% instead.


 41.9072, 0.2953,
0.3166


 41.9072, 0.2953,
0.3166

354.0981, 0.3041,
0.3229

 29.0286, 0.2931,
0.3150


 78.0592, 0.2985,
0.3189

 19.1025, 0.2902,
0.3128


 102.1013, 0.2997,
0.3198

 11.7444, 0.2862,
0.3100


130.6335, 0.3008,
0.3205

 6.5698, 0.2807,
0.3059

164.0401, 0.3016,
0.3212

 3.1946, 0.2723,
0.2995

202.7054, 0.3024,
0.3217

 1.2341, 0.2578,
0.2884

247.0139, 0.3030,

 0.0893, 0.0435,

0.3222

0.1405

297.3500, 0.3036,
0.3226

0.0000, 0.0000,
0.0000

41.9072, 0.2953,
0.3166

41.9072, 0.2953,
0.3166

37.1241, 0.2797,
0.3045

47.1557, 0.3106,
0.3276

32.7861, 0.2639,
0.2911

52.8789, 0.3254,
0.3374

28.8787, 0.2485,
0.2767

59.0920, 0.3395,
0.3461

25.3847, 0.2337,
0.2613

65.8082, 0.3529,
0.3537

22.2853, 0.2200,
0.2452

73.0373, 0.3655,
0.3605

■ 19.5598, 0.2079,
0.2287

■ 77.1382, 0.3633,
0.3683

■ 17.1851, 0.1976,
0.2121

■ 81.4353, 0.3612,
0.3759

■ 15.1341, 0.1895,
0.1959

■ 85.9312, 0.3592,
0.3834

■ 13.5861, 0.1840,
0.1823

■ 90.6284, 0.3572,
0.3907

Harmonies

Analogous

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



41.9072, 0.2951, 0.3234



41.9072, 0.2953, 0.3166



41.9072, 0.3001, 0.3132

Triad

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



41.9072, 0.2953, 0.3166



41.9072, 0.3260, 0.3260



41.9072, 0.3170, 0.3446

Complementary

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



41.9072, 0.2953, 0.3166



42.3435, 0.3313, 0.3411

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.



41.9072, 0.3254, 0.3451



41.9072, 0.2953, 0.3166



41.9072, 0.3307, 0.3342

Square

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



41.9072, 0.2953, 0.3166



41.9072, 0.3178, 0.3187



41.9072, 0.3304, 0.3412



41.9072, 0.3075, 0.3397

Rectangle

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



41.9072, 0.2953, 0.3166



41.9072, 0.3053, 0.3133



41.9072, 0.3304, 0.3412



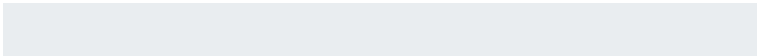
41.9072, 0.3200, 0.3452

Sweetspot

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



41.9090, 0.2953, 0.3166



83.8614, 0.3081, 0.3258



45.0356, 0.3046, 0.3459



17.9096, 0.3069, 0.3250



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.9090, 0.2953, 0.3166



73.4354, 0.2909, 0.3133



38.0749, 0.2951, 0.3022



9.5482, 0.2985, 0.3190



9.5069, 0.1845, 0.1842



0.4554, 0.1960, 0.2254

Inverse Universe

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



39.4855, 0.3219, 0.3131



68.1372, 0.3245, 0.3089



46.3906, 0.3297, 0.3544



9.0959, 0.3201, 0.3160



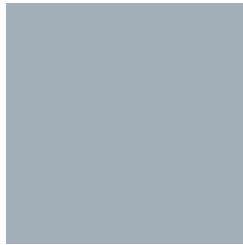
7.7421, 0.4636, 0.2327



0.2851, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 41.9072, 0.2953, 0.3166 looks on a white background.

Color Contrast Check

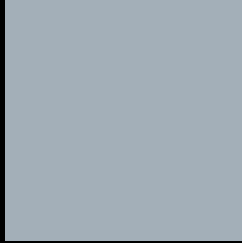
Large Text (above 18pt) WCAG AA × Fail

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 41.9072, 0.2953, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

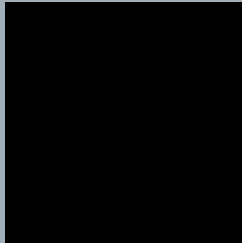
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

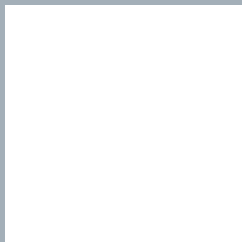
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9072, 0.2953, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 41.9072, 0.2953, 0.3166.



This preview shows how white text looks on a background with the Yxy color 41.9072, 0.2953, 0.3166.

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

41.9072, 0.2953, 0.3166

Protanopia

41.7667, 0.3054, 0.3155

Deuteranopia

41.6984, 0.3129, 0.3068



Tritanopia

41.7955, 0.2930, 0.3099

Trichromacy



Original Color

41.9072, 0.2953, 0.3166

Protanomaly

41.7411, 0.3011, 0.3154

Deuteranomaly

41.8587, 0.3056, 0.3103

Tritanomaly

41.7525, 0.2938, 0.3112

Monochromacy



Original Color

41.9072, 0.2953, 0.3166

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4567, 0.3067, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9072, 0.2953, 0.3166 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, 175, 184)` looks like.

```
.text, #text, p{  
    color:rgb(163, 175, 184)  
}
```

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, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 175, 184) }
```

Border

The CSS property to change the border of an element to Yxy 41.9072, 0.2953, 0.3166 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, 175, 184) }
```

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

```
.border{ border-color:rgb(163, 175, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 175, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 175, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 175, 184);  
box-shadow:4px 4px 4px 4px rgb(163, 175,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9072, 0.2953, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 175, 184) }
```

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

```
.background{ background-color: rgb(163,  
175, 184) }
```

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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