

Converting Colors

$Y_{xy}(41.9393, 0.2911, 0.3175)$

Have a look what the booklet for
Yxy(41.9393, 0.2911, 0.3175)
contains.

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Color

Yxy(41.8226, 0.2904, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	9EB0B9
RGB	158, 176, 185
RGB Percent	62%, 69%, 73%
CMY	0.3806, 0.3097, 0.2745
CMYK	0.15, 0.05, 0.00, 0.27
HSL	200°, 16%, 67%
HSV	200°, 15%, 73%
XYZ	38.3737, 41.8226, 51.9446
YIQ	171.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

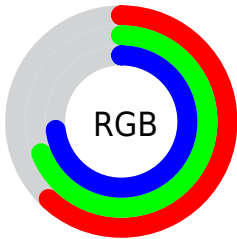
Format	Color
RYB	158, 169, 185
Decimal	10399929
CIELab	70.75, -4.37, -6.71
CIElCh	71, 8.006, 236.923
Yxy	41.8226, 0.2904, 0.3165
Android (android.graphics.Color)	4288590009 (0xFF9EB0B9)
YUV	171.6440, 6.5845, -11.9658
Hunter-Lab	64.6704, -7.2560, -2.3537

Details

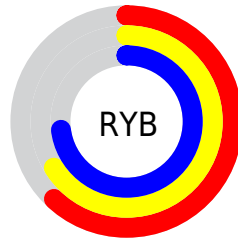
The Yxy color **41.8226, 0.2904, 0.3165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3872, 0.3377, 0.3412**, and the grayscale version is **41.0332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2102, 0.2947, 0.3194**, and **19.1454, 0.2835, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **37.7353, 0.2751, 0.3069**, and if you desaturate by 10%, it is **46.3045, 0.3057, 0.3253**.

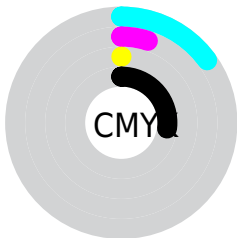
Distribution



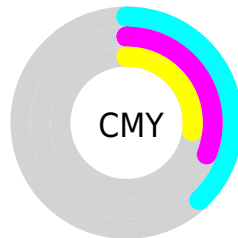
- Red (62%)
- Green (69%)
- Blue (73%)



- Red (62%)
- Yellow (66%)
- Blue (73%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8226, 0.2904, 0.3165 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 41.8226, 0.2904, 0.3165 by changing the saturation by 10% instead.

■ 41.8226, 0.2904,
0.3165

■ 41.8226, 0.2904,
0.3165

■ 353.7470, 0.3017,
0.3229

■ 28.9624, 0.2875,
0.3148

■ 77.9311, 0.2945,
0.3189

■ 19.0524, 0.2838,
0.3127

■ 101.9481, 0.2961,
0.3198

■ 11.7081, 0.2789,
0.3097

■ 130.4529, 0.2974,
0.3205

■ 6.5453, 0.2718,
0.3054

■ 163.8299, 0.2985,
0.3211

■ 3.1794, 0.2611,
0.2988

■ 202.4634, 0.2995,
0.3217

■ 1.2261, 0.2430,
0.2871

■ 246.7378, 0.3003,

■ 0.0829, 0.0000,

0.3222

0.1290

297.0376, 0.3010,
0.3226

0.0000, 0.0000,
0.0000

41.8226, 0.2904,
0.3165

41.8226, 0.2904,
0.3165

37.7353, 0.2751,
0.3069

46.3045, 0.3057,
0.3253

34.0235, 0.2602,
0.2964

51.1890, 0.3208,
0.3331

30.6739, 0.2459,
0.2852

56.4904, 0.3355,
0.3402

27.6703, 0.2327,
0.2734

62.2205, 0.3496,
0.3464

24.9949, 0.2208,
0.2611

68.3906, 0.3632,
0.3519

■ 22.6282, 0.2107,
0.2485

■ 72.2714, 0.3651,
0.3578

■ 20.5475, 0.2025,
0.2358

■ 75.4144, 0.3635,
0.3639

■ 18.7258, 0.1964,
0.2234

■ 78.6755, 0.3619,
0.3700

■ 17.8236, 0.1935,
0.2167

■ 82.0558, 0.3603,
0.3759

Harmonies

Analogous

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



41.8226, 0.2925, 0.3261



41.8226, 0.2904, 0.3165



41.8226, 0.2941, 0.3105

Triad

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



41.8226, 0.2904, 0.3165



41.8226, 0.3255, 0.3214



41.8226, 0.3224, 0.3492

Complementary

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



41.8226, 0.2904, 0.3165



40.3872, 0.3377, 0.3412

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.



41.8226, 0.3315, 0.3476



41.8226, 0.2904, 0.3165



41.8226, 0.3334, 0.3314

Square

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



41.8226, 0.2904, 0.3165



41.8226, 0.3143, 0.3135



41.8226, 0.3356, 0.3410



41.8226, 0.3108, 0.3453

Rectangle

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



41.8226, 0.2904, 0.3165



41.8226, 0.2995, 0.3093



41.8226, 0.3356, 0.3410



41.8226, 0.3258, 0.3493

Sweetspot

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



41.8243, 0.2904, 0.3165



83.4053, 0.3065, 0.3257



44.7304, 0.3044, 0.3549



17.8447, 0.3054, 0.3251



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.



41.8243, 0.2904, 0.3165



72.1434, 0.2848, 0.3131



36.9258, 0.2898, 0.2978



9.6950, 0.2985, 0.3212



12.2752, 0.1940, 0.2183



0.5412, 0.2028, 0.2502

Inverse Universe

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



37.8833, 0.3225, 0.3049



63.6604, 0.3253, 0.2987



45.4364, 0.3352, 0.3584



9.1107, 0.3187, 0.3138



8.0215, 0.4251, 0.2115



0.2937, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 41.8226, 0.2904, 0.3165 looks on a white background.

Color Contrast Check

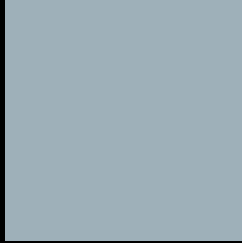
Large Text (above 18pt) WCAG AA × Fail

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 41.8226, 0.2904, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

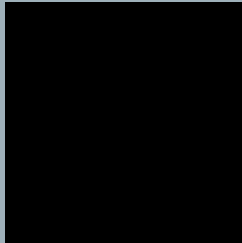
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

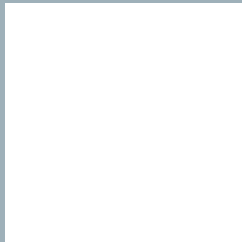
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8226, 0.2904, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 41.8226, 0.2904, 0.3165.



This preview shows how white text looks on a background with the Yxy color 41.8226, 0.2904, 0.3165.

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

41.8226, 0.2904, 0.3165

Protanopia

41.7667, 0.3054, 0.3155

Deuteranopia

41.6604, 0.3103, 0.3041



Tritanopia

41.7050, 0.2882, 0.3097

Trichromacy



Original Color

41.8226, 0.2904, 0.3165

Protanomaly

41.6309, 0.3003, 0.3153

Deuteranomaly

41.6697, 0.3031, 0.3089

Tritanomaly

41.6617, 0.2890, 0.3110

Monochromacy



Original Color

41.8226, 0.2904, 0.3165

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2770, 0.3042, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8226, 0.2904, 0.3165 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(158, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(158, 176, 185)  
}
```

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(158, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 176, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.8226, 0.2904, 0.3165 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(158, 176, 185) }
```

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

```
.border{ border-color:rgb(158, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(158, 176,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8226, 0.2904, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 176, 185) }
```

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

```
.background{ background-color: rgb(158,  
176, 185) }
```

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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