

Converting Colors

$Y_{xy}(41.4902, 0.2656, 0.2957)$

Have a look what the booklet for
Yxy(41.4902, 0.2656, 0.2957)
contains.

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Color

Yxy(41.6333, 0.2658, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	8CB2C9
RGB	140, 178, 201
RGB Percent	55%, 70%, 79%
CMY	0.4511, 0.3019, 0.2118
CMYK	0.30, 0.11, 0.00, 0.21
HSL	203°, 36%, 67%
HSV	203°, 30%, 79%
XYZ	37.2723, 41.6333, 61.3211
YIQ	169.2600, -30.0310, -0.9030

Conversions

Conversions Part 2

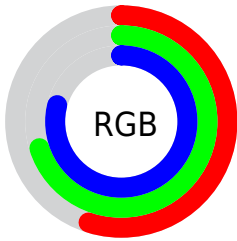
Format	Color
RYB	140, 163, 201
Decimal	9220809
CIELab	70.62, -7.37, -15.82
CIElCh	71, 17.457, 245.010
Yxy	41.6333, 0.2658, 0.2969
Android (android.graphics.Color)	4287410889 (0xFF8CB2C9)
YUV	169.2600, 15.6478, -25.6610
Hunter-Lab	64.5239, -9.8062, -11.1803

Details

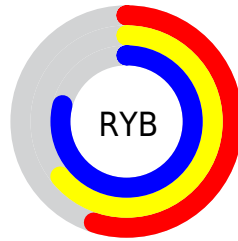
The Yxy color **41.6333, 0.2658, 0.2969** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4810, 0.3715, 0.3589**, and the grayscale version is **39.7411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6677, 0.2760, 0.3063**, and **18.8485, 0.2525, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **37.1171, 0.2507, 0.2843**, and if you desaturate by 10%, it is **46.6378, 0.2813, 0.3085**.

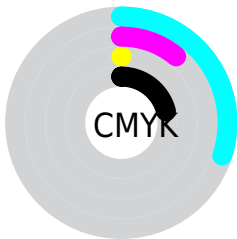
Distribution



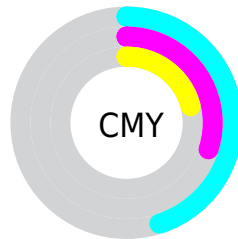
- Red (55%)
- Green (70%)
- Blue (79%)



- Red (55%)
- Yellow (64%)
- Blue (79%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (45%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6333, 0.2658, 0.2969 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 41.6333, 0.2658, 0.2969 by changing the saturation by 10% instead.

■ 41.6333, 0.2658,
0.2969

■ 41.6333, 0.2658,
0.2969

■ 352.9606, 0.2893,
0.3134

■ 28.8143, 0.2599,
0.2927

■ 77.6443, 0.2743,
0.3030

■ 18.9404, 0.2524,
0.2871

■ 101.6051, 0.2776,
0.3053

■ 11.6272, 0.2424,
0.2797

■ 130.0486, 0.2803,
0.3072

■ 6.4904, 0.2286,
0.2691

■ 163.3592, 0.2826,
0.3088

■ 3.1455, 0.2083,
0.2530

■ 201.9213, 0.2846,
0.3102

■ 1.2082, 0.1759,
0.2259

■ 246.1193, 0.2864,

■ 0.0683, 0.0000,

0.3114

0.0540

296.3376, 0.2879,
0.3125

0.0000, 0.0000,
0.0000

41.6333, 0.2658,
0.2969

41.6333, 0.2658,
0.2969

37.1171, 0.2507,
0.2843

46.6378, 0.2813,
0.3085

33.0642, 0.2364,
0.2710

52.1443, 0.2968,
0.3191

29.4544, 0.2233,
0.2569

58.1719, 0.3122,
0.3287

26.2639, 0.2117,
0.2425

64.7372, 0.3271,
0.3372

23.4655, 0.2020,
0.2279

71.8558, 0.3414,
0.3448

■ 21.0277, 0.1945,
0.2135

■ 78.4736, 0.3510,
0.3519

■ 18.9643, 0.1889,
0.1999

■ 82.6178, 0.3495,
0.3593

■ 86.9453, 0.3480,
0.3666

■ 91.4580, 0.3465,
0.3738

Harmonies

Analogous

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



41.6333, 0.2668, 0.3156



41.6333, 0.2658, 0.2969



41.6333, 0.2767, 0.2876

Triad

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



41.6333, 0.2658, 0.2969



41.6333, 0.3464, 0.3179



41.6333, 0.3267, 0.3730

Complementary

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



41.6333, 0.2658, 0.2969



40.4810, 0.3715, 0.3589

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.



41.6333, 0.3490, 0.3718



41.6333, 0.2658, 0.2969



41.6333, 0.3609, 0.3392

Square

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



41.6333, 0.2658, 0.2969



41.6333, 0.3228, 0.2999



41.6333, 0.3618, 0.3589



41.6333, 0.3013, 0.3610

Rectangle

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



41.6333, 0.2658, 0.2969



41.6333, 0.2896, 0.2873



41.6333, 0.3618, 0.3589



41.6333, 0.3349, 0.3741

Sweetspot

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



41.6350, 0.2658, 0.2969



90.5147, 0.2987, 0.3203



49.9604, 0.2938, 0.3838



19.0608, 0.2965, 0.3189



0.0000, 0.0000, 0.0000



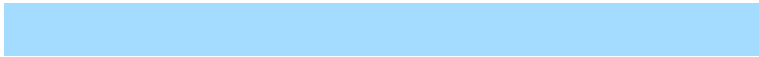
21.4041, 0.3127, 0.3290

Same Dimension

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



41.6350, 0.2658, 0.2969



66.4446, 0.2565, 0.2893



31.0007, 0.2609, 0.2531



11.3706, 0.2984, 0.3201



12.1067, 0.1894, 0.2020



0.7093, 0.1976, 0.2314

Inverse Universe

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



34.3767, 0.3389, 0.2808



52.7160, 0.3459, 0.2707



52.3821, 0.3608, 0.3950



10.7463, 0.3194, 0.3147



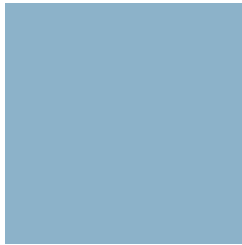
8.7622, 0.4431, 0.2214



0.4286, 0.4112, 0.2039

Previews

White Background



This preview shows how the Yxy color 41.6333, 0.2658, 0.2969 looks on a white background.

Color Contrast Check

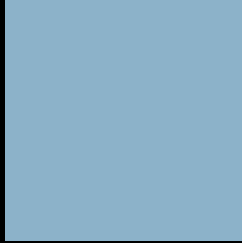
Large Text (above 18pt) WCAG AA × Fail

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 41.6333, 0.2658, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

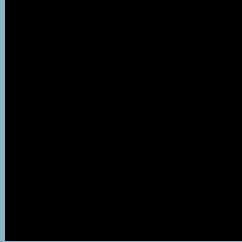
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

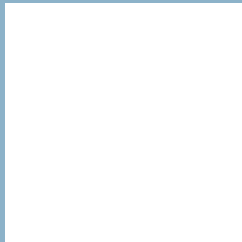
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6333, 0.2658, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 41.6333, 0.2658, 0.2969.



This preview shows how white text looks on a background with the Yxy color 41.6333, 0.2658, 0.2969.

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

41.6333, 0.2658, 0.2969

Protanopia

41.4362, 0.2901, 0.2956

Deuteranopia

41.3157, 0.2897, 0.2834



Tritanopia

41.5385, 0.2691, 0.3076

Trichromacy



Original Color

41.6333, 0.2658, 0.2969

Protanomaly

41.6184, 0.2808, 0.2964

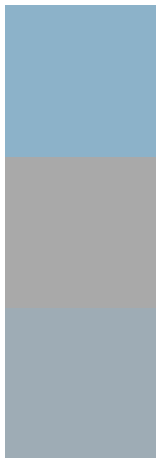
Deuteranomaly

41.4507, 0.2809, 0.2888

Tritanomaly

41.7604, 0.2679, 0.3036

Monochromacy



Original Color

41.6333, 0.2658, 0.2969

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1103, 0.2933, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6333, 0.2658, 0.2969 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(140, 178, 201)` looks like.

```
.text, #text, p{  
    color:rgb(140, 178, 201)  
}
```

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(140, 178, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 178, 201) }
```

Border

The CSS property to change the border of an element to Yxy 41.6333, 0.2658, 0.2969 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(140, 178, 201) }
```

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

```
.border{ border-color:rgb(140, 178, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 178, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 178, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 178, 201);  
box-shadow:4px 4px 4px 4px rgb(140, 178,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6333, 0.2658, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 178, 201) }
```

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

```
.background{ background-color: rgb(140,  
178, 201) }
```

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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