

Converting Colors

$Y_{xy}(41.2658, 0.2677, 0.3145)$

Have a look what the booklet for
Yxy(41.2658, 0.2677, 0.3145)
contains.

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Color

Yxy(41.2658, 0.2677, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	84B4BE
RGB	132, 180, 190
RGB Percent	52%, 71%, 75%
CMY	0.4825, 0.2941, 0.2550
CMYK	0.31, 0.05, 0.00, 0.25
HSL	190°, 31%, 63%
HSV	190°, 31%, 75%
XYZ	35.1251, 41.2658, 54.8199
YIQ	166.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

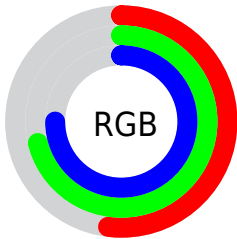
Format	Color
R_{YB}	132, 158, 190
Decimal	8697022
CIE _{Lab}	70.36, -13.44, -10.21
CIE _{LCh}	70, 16.877, 217.216
Yxy	41.2658, 0.2677, 0.3145
Android (android.graphics.Color)	4286887102 (0xFF84B4BE)
YUV	166.7880, 11.4435, -30.5091
Hunter-Lab	64.2385, -14.8148, -5.6300

Details

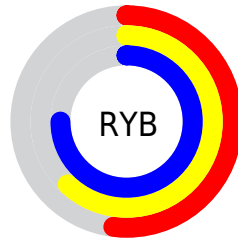
The Yxy color **41.2658, 0.2677, 0.3145** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.9364, 0.3764, 0.3429**, and the grayscale version is **38.4868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2095, 0.2764, 0.3179**, and **18.6904, 0.2545, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **38.5703, 0.2545, 0.3090**, and if you desaturate by 10%, it is **44.2746, 0.2819, 0.3197**.

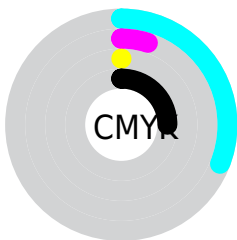
Distribution



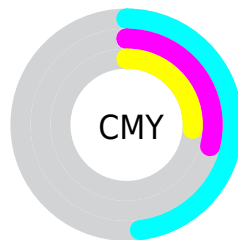
- Red (52%)
- Green (71%)
- Blue (75%)



- Red (52%)
- Yellow (62%)
- Blue (75%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (48%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2658, 0.2677, 0.3145 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 41.2658, 0.2677, 0.3145 by changing the saturation by 10% instead.

■ 41.2658, 0.2677,
0.3145

■ 41.2658, 0.2677,
0.3145

■ 351.4303, 0.2903,
0.3223

■ 28.5268, 0.2620,
0.3124

■ 77.0872, 0.2759,
0.3174

■ 18.7232, 0.2547,
0.3096

■ 100.9385, 0.2790,
0.3185

■ 11.4704, 0.2450,
0.3058

■ 129.2626, 0.2816,
0.3194

■ 6.3842, 0.2314,
0.3000

■ 162.4440, 0.2839,
0.3201

■ 3.0801, 0.2112,
0.2908

■ 200.8671, 0.2858,
0.3208

■ 1.1737, 0.1780,
0.2741

■ 244.9162, 0.2875,

■ 0.0400, 0.0000,

0.3213

0.0502

294.9758, 0.2890,
0.3218

0.0000, 0.0000,
0.0000

41.2658, 0.2677,
0.3145

41.2658, 0.2677,
0.3145

38.5703, 0.2545,
0.3090

44.2746, 0.2819,
0.3197

36.1677, 0.2427,
0.3032

47.6058, 0.2967,
0.3244

34.0429, 0.2323,
0.2973

51.2745, 0.3119,
0.3288

32.1771, 0.2238,
0.2911

55.2931, 0.3272,
0.3327

30.5492, 0.2171,
0.2850

59.6734, 0.3424,
0.3362

■ 29.1339, 0.2123,
0.2788

■ 64.4267, 0.3574,
0.3394

■ 27.9444, 0.2092,
0.2731

■ 67.6271, 0.3639,
0.3425

■ 69.1842, 0.3631,
0.3458

■ 70.7741, 0.3623,
0.3492

Harmonies

Analogous

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



41.2658, 0.2793, 0.3374



41.2658, 0.2677, 0.3145



41.2658, 0.2676, 0.2969

Triad

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



41.2658, 0.2677, 0.3145



41.2658, 0.3244, 0.3018



41.2658, 0.3466, 0.3710

Complementary

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



41.2658, 0.2677, 0.3145



31.9364, 0.3764, 0.3429

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.



41.2658, 0.3598, 0.3593



41.2658, 0.2677, 0.3145



41.2658, 0.3468, 0.3197

Square

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



41.2658, 0.2677, 0.3145



41.2658, 0.2995, 0.2905



41.2658, 0.3599, 0.3405



41.2658, 0.3246, 0.3712

Rectangle

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



41.2658, 0.2677, 0.3145



41.2658, 0.2740, 0.2902



41.2658, 0.3599, 0.3405



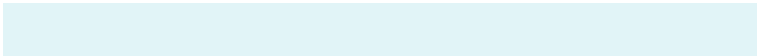
41.2658, 0.3523, 0.3682

Sweetspot

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



41.2674, 0.2677, 0.3145



87.1742, 0.2988, 0.3251



43.6650, 0.3018, 0.4021



18.9361, 0.2966, 0.3244



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.



41.2674, 0.2677, 0.3145



71.2884, 0.2583, 0.3107



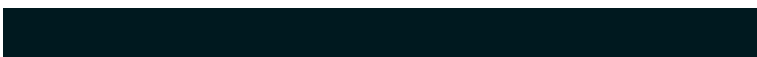
30.8504, 0.2628, 0.2710



10.5229, 0.2985, 0.3250



18.6856, 0.2094, 0.2739



0.8068, 0.2135, 0.2884

Inverse Universe

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



30.7333, 0.3263, 0.2659



49.3626, 0.3302, 0.2514



41.6017, 0.3652, 0.3808



9.6674, 0.3163, 0.3102



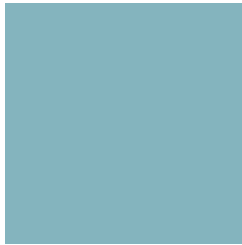
8.9160, 0.3691, 0.1807



0.3568, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 41.2658, 0.2677, 0.3145 looks on a white background.

Color Contrast Check

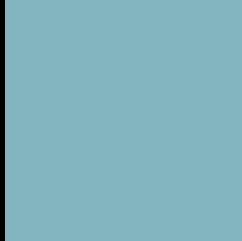
Large Text (above 18pt) WCAG AA × Fail

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 41.2658, 0.2677, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

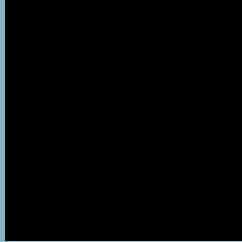
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

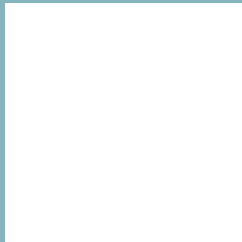
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2658, 0.2677, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 41.2658, 0.2677, 0.3145.



This preview shows how white text looks on a background with the Yxy color 41.2658, 0.2677, 0.3145.

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

41.2658, 0.2677, 0.3145

Protanopia

40.8681, 0.3021, 0.3100

Deuteranopia

40.9527, 0.3009, 0.2948



Tritanopia

41.1218, 0.2656, 0.3074

Trichromacy



Original Color

41.2658, 0.2677, 0.3145

Protanomaly

40.9854, 0.2888, 0.3123

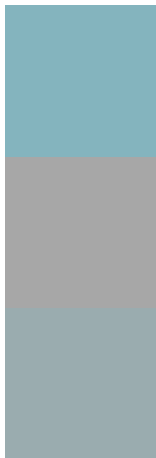
Deuteranomaly

40.8879, 0.2874, 0.3016

Tritanomaly

41.0770, 0.2663, 0.3088

Monochromacy



Original Color

41.2658, 0.2677, 0.3145

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.4702, 0.2946, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2658, 0.2677, 0.3145 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(132, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(132, 180, 190)  
}
```

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(132, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 180, 190) }
```

Border

The CSS property to change the border of an element to Yxy 41.2658, 0.2677, 0.3145 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(132, 180, 190) }
```

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

```
.border{ border-color:rgb(132, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(132, 180,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2658, 0.2677, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 180, 190) }
```

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

```
.background{ background-color: rgb(132,  
180, 190) }
```

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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