

Converting Colors

$Yxy(41.1487, 0.2797, 0.4136)$

Have a look what the booklet for
Yxy(41.1487, 0.2797, 0.4136)
contains.

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Color

Yxy(41.1487, 0.2797, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	60BE8A
RGB	96, 190, 138
RGB Percent	38%, 75%, 54%
CMY	0.6233, 0.2549, 0.4589
CMYK	0.49, 0.00, 0.27, 0.25
HSL	147°, 42%, 56%
HSV	147°, 49%, 75%
XYZ	27.8271, 41.1487, 30.5133
YIQ	155.9660, -39.3320, -36.1000

Conversions

Conversions Part 2

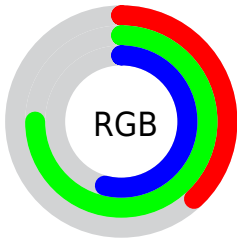
Format	Color
RYB	96, 161, 190
Decimal	6340234
CIELab	70.28, -39.89, 17.88
CIElCh	70, 43.713, 155.858
Yxy	41.1487, 0.2797, 0.4136
Android (android.graphics.Color)	4284530314 (0xFF60BE8A)
YUV	155.9660, -8.8572, -52.5902
Hunter-Lab	64.1473, -34.8243, 16.7002

Details

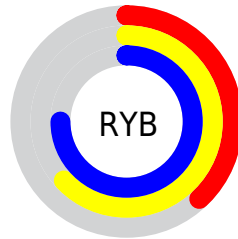
The Yxy color **41.1487, 0.2797, 0.4136** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **21.4613, 0.3717, 0.2592**, and the grayscale version is **33.2881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0027, 0.2865, 0.3959**, and **18.7062, 0.2679, 0.4424** is the 20% darker color. If you saturate the color by 10%, you get **39.9507, 0.2757, 0.4347**, and if you desaturate by 10%, it is **42.6286, 0.2850, 0.3935**.

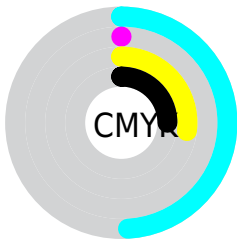
Distribution



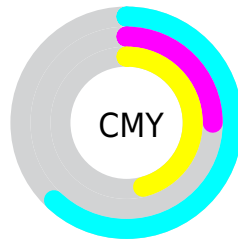
- Red (38%)
- Green (75%)
- Blue (54%)



- Red (38%)
- Yellow (63%)
- Blue (75%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)




- Cyan (62%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1487, 0.2797, 0.4136 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 41.1487, 0.2797, 0.4136 by changing the saturation by 10% instead.

 41.1487, 0.2797,
0.4136

 41.1487, 0.2797,
0.4136


350.9417, 0.2977,
0.3682


 28.4353, 0.2747,
0.4260


 76.9096, 0.2866,
0.3963


 18.6540, 0.2680,
0.4427


 100.7258, 0.2891,
0.3900

 11.4206, 0.2584,
0.4661


 129.0118, 0.2911,
0.3848

 6.3505, 0.2439,
0.5012

 162.1520, 0.2928,
0.3805

 3.0593, 0.2195,
0.5588

200.5306, 0.2943,
0.3767

 1.1628, 0.0849,
0.9151

244.5322, 0.2956,

 0.0310, 0.0000,

0.3735

1.0000

294.5411, 0.2967,
0.3706

■ 0.0000, 0.0000,
0.0000

■ 41.1487, 0.2797,
0.4136

■ 41.1487, 0.2797,
0.4136

■ 39.9507, 0.2757,
0.4347

■ 42.6286, 0.2850,
0.3935

■ 39.0106, 0.2733,
0.4563

■ 44.4026, 0.2913,
0.3748

■ 38.3083, 0.2728,
0.4778

■ 46.4883, 0.2983,
0.3576

■ 37.8186, 0.2743,
0.4984

■ 48.9002, 0.3056,
0.3421

■ 37.4954, 0.2773,
0.5177


■ 51.6520, 0.3131,
0.3283

 37.4794, 0.2774,
0.5187

 54.7566, 0.3206,
0.3160

 58.2263, 0.3280,
0.3052

 62.0726, 0.3351,
0.2957

 63.9501, 0.3325,
0.2861

Harmonies

Analogous

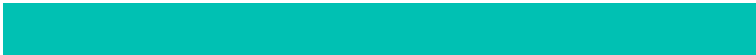
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.1487, 0.3412, 0.4447



41.1487, 0.2797, 0.4136



41.1487, 0.2301, 0.3516

Triad

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



41.1487, 0.2797, 0.4136



41.1487, 0.2272, 0.2307



41.1487, 0.4356, 0.3488

Complementary

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



41.1487, 0.2797, 0.4136



21.4613, 0.3717, 0.2592

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.



41.1487, 0.3991, 0.3014



41.1487, 0.2797, 0.4136



41.1487, 0.2745, 0.2366

Square

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



41.1487, 0.2797, 0.4136



41.1487, 0.2029, 0.2475



41.1487, 0.3377, 0.2617



41.1487, 0.4340, 0.3967

Rectangle

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



41.1487, 0.2797, 0.4136



41.1487, 0.2096, 0.3084



41.1487, 0.3377, 0.2617



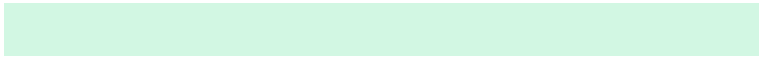
41.1487, 0.4274, 0.3326

Sweetspot

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



41.1504, 0.2797, 0.4136



86.0093, 0.3013, 0.3509



44.0885, 0.3474, 0.4645



18.6872, 0.2998, 0.3543



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.



41.1504, 0.2797, 0.4136



72.2999, 0.2756, 0.4358



42.7655, 0.2521, 0.3383



10.7185, 0.3057, 0.3420



24.9373, 0.2767, 0.5163



0.9900, 0.2636, 0.4688

Inverse Universe

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



21.4613, 0.3717, 0.2592



32.6118, 0.3906, 0.2467



20.2867, 0.4403, 0.3209



9.6224, 0.3204, 0.3164



7.9761, 0.4711, 0.2369



0.3254, 0.4258, 0.2119

Previews

White Background



This preview shows how the Yxy color 41.1487, 0.2797, 0.4136 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 41.1487, 0.2797, 0.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

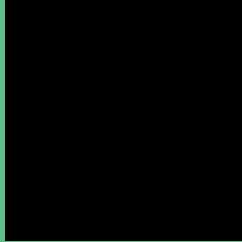
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1487, 0.2797, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 41.1487, 0.2797, 0.4136.

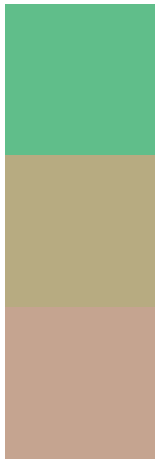


This preview shows how white text looks on a background with the Yxy color 41.1487, 0.2797, 0.4136.

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

41.1487, 0.2797, 0.4136

Protanopia

40.7781, 0.3608, 0.3866

Deuteranopia

40.4349, 0.3633, 0.3554



Tritanopia

40.8666, 0.2505, 0.3068

Trichromacy



Original Color

41.1487, 0.2797, 0.4136



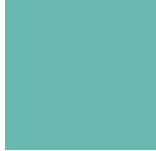
Protanomaly

40.0860, 0.3260, 0.3978



Deuteranomaly

39.3137, 0.3269, 0.3744



Tritanomaly

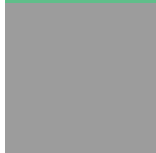
40.8967, 0.2608, 0.3427

Monochromacy



Original Color

41.1487, 0.2797, 0.4136



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

35.2435, 0.2980, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1487, 0.2797, 0.4136 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(96, 190, 138)` looks like.

```
.text, #text, p{  
    color:rgb(96, 190, 138)  
}
```

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(96, 190, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 190, 138) }
```

Border

The CSS property to change the border of an element to Yxy 41.1487, 0.2797, 0.4136 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(96, 190, 138) }
```

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

```
.border{ border-color:rgb(96, 190, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 190, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 190, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 190, 138);  
box-shadow:4px 4px 4px 4px rgb(96, 190,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1487, 0.2797, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 190, 138) }
```

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

```
.background{ background-color: rgb(96, 190,  
138) }
```

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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