

Converting Colors

$Yxy(41.0195, 0.2857, 0.3784)$

Have a look what the booklet for
Yxy(41.0195, 0.2857, 0.3784)
contains.

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Color

Yxy(41.0628, 0.2856, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	79B999
RGB	121, 185, 153
RGB Percent	47%, 73%, 60%
CMY	0.5255, 0.2745, 0.3999
CMYK	0.35, 0.00, 0.17, 0.27
HSL	150°, 31%, 60%
HSV	150°, 35%, 73%
XYZ	30.9842, 41.0628, 36.4412
YIQ	162.2160, -27.8720, -23.5200

Conversions

Conversions Part 2

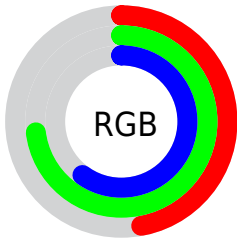
Format	Color
RYB	121, 164, 185
Decimal	7977369
CIELab	70.22, -27.52, 9.80
CIELCh	70, 29.213, 160.408
Yxy	41.0628, 0.2856, 0.3785
Android (android.graphics.Color)	4286167449 (0xFF79B999)
YUV	162.2160, -4.5435, -36.1464
Hunter-Lab	64.0803, -25.8317, 11.1391

Details

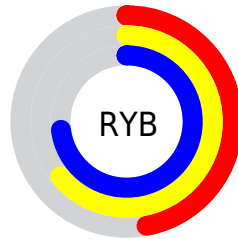
The Yxy color **41.0628, 0.2856, 0.3785** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.2854, 0.3529, 0.2846**, and the grayscale version is **36.2697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5295, 0.2910, 0.3687**, and **18.7270, 0.2769, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **39.5600, 0.2792, 0.3959**, and if you desaturate by 10%, it is **42.8489, 0.2929, 0.3624**.

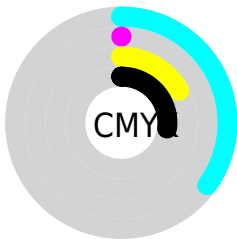
Distribution



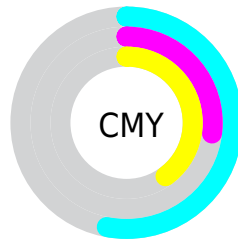
- Red (47%)
- Green (73%)
- Blue (60%)



- Red (47%)
- Yellow (64%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0628, 0.2856, 0.3785 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 41.0628, 0.2856, 0.3785 by changing the saturation by 10% instead.


 41.0628, 0.2856,
0.3785


 41.0628, 0.2856,
0.3785


350.5830, 0.2998,
0.3524

 28.3682, 0.2818,
0.3855


 76.7792, 0.2909,
0.3687

 18.6034, 0.2768,
0.3948


 100.5698, 0.2929,
0.3651

 11.3840, 0.2699,
0.4077

 128.8278, 0.2945,
0.3621

 6.3258, 0.2597,
0.4268

161.9376, 0.2959,
0.3596

 3.0442, 0.2432,
0.4579

200.2836, 0.2971,
0.3574

 1.1548, 0.1917,
0.5485

244.2503, 0.2981,

 0.0243, 0.0000,

0.3555

1.0000

294.2220, 0.2990,
0.3539

0.0000, 0.0000,
0.0000

41.0628, 0.2856,
0.3785

41.0628, 0.2856,
0.3785

39.5600, 0.2792,
0.3959

42.8489, 0.2929,
0.3624

38.3203, 0.2741,
0.4144

44.9273, 0.3007,
0.3478

37.3285, 0.2704,
0.4336

47.3128, 0.3089,
0.3346


36.5660, 0.2686,
0.4531


50.0177, 0.3172,
0.3228


36.0111, 0.2687,
0.4724


53.0535, 0.3254,
0.3124

 35.6379, 0.2708,
0.4909

 56.4313, 0.3335,
0.3032

 35.4827, 0.2724,
0.5006

 60.1615, 0.3413,
0.2952

 61.5032, 0.3375,
0.2865

 62.0272, 0.3302,
0.2777

Harmonies

Analogous

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



41.0628, 0.3273, 0.4029



41.0628, 0.2856, 0.3785



41.0628, 0.2526, 0.3383

Triad

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



41.0628, 0.2856, 0.3785



41.0628, 0.2581, 0.2603



41.0628, 0.3963, 0.3503

Complementary

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



41.0628, 0.2856, 0.3785



26.2854, 0.3529, 0.2846

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.



41.0628, 0.3754, 0.3159



41.0628, 0.2856, 0.3785



41.0628, 0.2936, 0.2661

Square

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



41.0628, 0.2856, 0.3785



41.0628, 0.2378, 0.2710



41.0628, 0.3368, 0.2860



41.0628, 0.3927, 0.3822

Rectangle

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



41.0628, 0.2856, 0.3785



41.0628, 0.2393, 0.3108



41.0628, 0.3368, 0.2860



41.0628, 0.3920, 0.3387

Sweetspot

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



41.0645, 0.2856, 0.3785



82.2878, 0.3043, 0.3417



42.8517, 0.3348, 0.4228



17.6133, 0.3032, 0.3436



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.



41.0645, 0.2856, 0.3785



71.3270, 0.2804, 0.3925



42.2666, 0.2645, 0.3289



10.1331, 0.3050, 0.3406



24.1741, 0.2718, 0.4984



0.8647, 0.2586, 0.4508

Inverse Universe

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



26.2854, 0.3529, 0.2846



40.6333, 0.3663, 0.2741



25.3669, 0.3932, 0.3292



9.0850, 0.3212, 0.3176



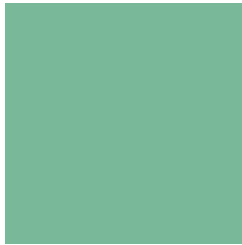
7.5688, 0.4934, 0.2491



0.2793, 0.4375, 0.2184

Previews

White Background



This preview shows how the Yxy color 41.0628, 0.2856, 0.3785 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 41.0628, 0.2856, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

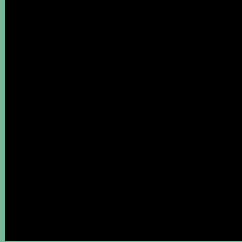
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0628, 0.2856, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 41.0628, 0.2856, 0.3785.



This preview shows how white text looks on a background with the Yxy color 41.0628, 0.2856, 0.3785.

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

41.0628, 0.2856, 0.3785

Protanopia

40.5281, 0.3430, 0.3622

Deuteranopia

40.5511, 0.3458, 0.3397



Tritanopia

40.8811, 0.2636, 0.3073

Trichromacy



Original Color

41.0628, 0.2856, 0.3785

Protanomaly

40.2008, 0.3198, 0.3668

Deuteranomaly

40.0123, 0.3207, 0.3518

Tritanomaly

40.8144, 0.2717, 0.3318

Monochromacy



Original Color

41.0628, 0.2856, 0.3785

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.4557, 0.3013, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0628, 0.2856, 0.3785 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(121, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(121, 185, 153)  
}
```

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(121, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 153) }
```

Border

The CSS property to change the border of an element to Yxy 41.0628, 0.2856, 0.3785 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(121, 185, 153) }
```

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

```
.border{ border-color:rgb(121, 185, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(121, 185,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0628, 0.2856, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 185, 153) }
```

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

```
.background{ background-color: rgb(121,  
185, 153) }
```

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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