

Converting Colors

$Y_{xy}(41.1872, 0.2833, 0.3732)$

Have a look what the booklet for
Yxy(41.1872, 0.2833, 0.3732)
contains.

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Color

Yxy(41.1632, 0.2836, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	79B99C
RGB	121, 185, 156
RGB Percent	47%, 73%, 61%
CMY	0.5253, 0.2745, 0.3883
CMYK	0.35, 0.00, 0.16, 0.27
HSL	153°, 31%, 60%
HSV	153°, 35%, 73%
XYZ	31.2387, 41.1632, 37.7485
YIQ	162.5580, -28.8350, -22.5870

Conversions

Conversions Part 2

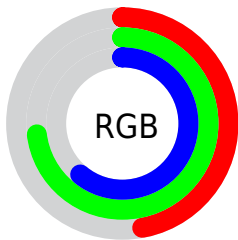
Format	Color
RYB	121, 162, 185
Decimal	7977372
CIELab	70.29, -26.89, 8.28
CIELCh	70, 28.130, 162.890
Yxy	41.1632, 0.2836, 0.3737
Android (android.graphics.Color)	4286167452 (0xFF79B99C)
YUV	162.5580, -3.2331, -36.4464
Hunter-Lab	64.1586, -25.3662, 10.0269

Details

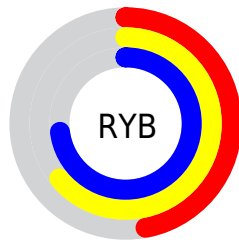
The Yxy color **41.1632, 0.2836, 0.3737** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.2023, 0.3564, 0.2886**, and the grayscale version is **36.4371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6777, 0.2893, 0.3651**, and **18.7877, 0.2742, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **39.6790, 0.2768, 0.3894**, and if you desaturate by 10%, it is **42.9267, 0.2914, 0.3592**.

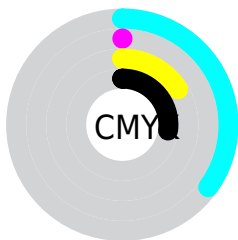
Distribution



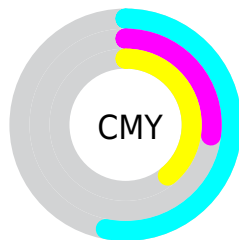
- Red (47%)
- Green (73%)
- Blue (61%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1632, 0.2836, 0.3737 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 41.1632, 0.2836, 0.3737 by changing the saturation by 10% instead.


 41.1632, 0.2836,
0.3737

 41.1632, 0.2836,
0.3737

351.0022, 0.2988,
0.3502

 28.4466, 0.2796,
0.3800


 76.9316, 0.2893,
0.3649

 18.6626, 0.2743,
0.3883


 100.7522, 0.2913,
0.3617

 11.4267, 0.2671,
0.3997


 129.0429, 0.2931,
0.3590

 6.3546, 0.2566,
0.4167

162.1881, 0.2946,
0.3567

 3.0619, 0.2398,
0.4442

200.5723, 0.2958,
0.3547

 1.1641, 0.1893,
0.5169

244.5798, 0.2969,

 0.0321, 0.0000,

0.3530

1.0000

294.5950, 0.2979,
0.3515

0.0000, 0.0000,
0.0000

41.1632, 0.2836,
0.3737

41.1632, 0.2836,
0.3737

39.6790, 0.2768,
0.3894

42.9267, 0.2914,
0.3592

38.4540, 0.2712,
0.4060

44.9784, 0.2998,
0.3460

37.4732, 0.2672,
0.4233


47.3330, 0.3086,
0.3340


36.7182, 0.2650,
0.4410


50.0025, 0.3176,
0.3234

36.1674, 0.2648,
0.4586

52.9984, 0.3265,
0.3139


 35.7951, 0.2666,
0.4757

 56.3316, 0.3353,
0.3055

 35.6384, 0.2680,
0.4847

 60.0126, 0.3438,
0.2982

 61.2903, 0.3406,
0.2903

 61.7544, 0.3339,
0.2821

Harmonies

Analogous

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



41.1632, 0.3235, 0.3988



41.1632, 0.2836, 0.3737



41.1632, 0.2528, 0.3347

Triad

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



41.1632, 0.2836, 0.3737



41.1632, 0.2624, 0.2626



41.1632, 0.3938, 0.3524

Complementary

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



41.1632, 0.2836, 0.3737



26.2023, 0.3564, 0.2886

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.



41.1632, 0.3755, 0.3191



41.1632, 0.2836, 0.3737



41.1632, 0.2977, 0.2694

Square

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



41.1632, 0.2836, 0.3737



41.1632, 0.2414, 0.2717



41.1632, 0.3394, 0.2896



41.1632, 0.3884, 0.3825

Rectangle

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



41.1632, 0.2836, 0.3737



41.1632, 0.2409, 0.3086



41.1632, 0.3394, 0.2896



41.1632, 0.3902, 0.3413

Sweetspot

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



41.1649, 0.2836, 0.3737



82.3492, 0.3037, 0.3406



42.6468, 0.3329, 0.4233



17.6282, 0.3024, 0.3422



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.



41.1649, 0.2836, 0.3737



71.7897, 0.2786, 0.3847



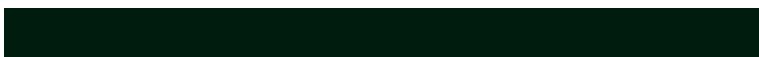
41.3821, 0.2641, 0.3257



10.1400, 0.3044, 0.3396



24.2823, 0.2674, 0.4827



0.8683, 0.2552, 0.4388

Inverse Universe

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



26.2023, 0.3564, 0.2886



41.1922, 0.3692, 0.2802



25.9046, 0.3921, 0.3323



9.0781, 0.3219, 0.3187



7.4721, 0.5126, 0.2597



0.2759, 0.4508, 0.2257

Previews

White Background



This preview shows how the Yxy color 41.1632, 0.2836, 0.3737 looks on a white background.

Color Contrast Check

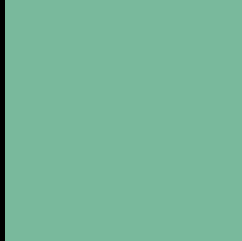
Large Text (above 18pt) WCAG AA × Fail

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 41.1632, 0.2836, 0.3737 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 41.1632, 0.2836, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 41.1632, 0.2836, 0.3737.



This preview shows how white text looks on a background with the Yxy color 41.1632, 0.2836, 0.3737.

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

41.1632, 0.2836, 0.3737

Protanopia

40.8795, 0.3392, 0.3594

Deuteranopia

40.6548, 0.3430, 0.3357



Tritanopia

41.2047, 0.2631, 0.3087

Trichromacy



Original Color

41.1632, 0.2836, 0.3737

Protanomaly

40.5868, 0.3164, 0.3638

Deuteranomaly

40.1152, 0.3182, 0.3474

Tritanomaly

41.1868, 0.2705, 0.3318

Monochromacy



Original Color

41.1632, 0.2836, 0.3737

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.9598, 0.3013, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1632, 0.2836, 0.3737 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(121, 185, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 156) }
```

Border

The CSS property to change the border of an element to Yxy 41.1632, 0.2836, 0.3737 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, 156) }
```

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

```
.border{ border-color:rgb(121, 185, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 185, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 185, 156);  
box-shadow:4px 4px 4px 4px rgb(121, 185,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1632, 0.2836, 0.3737 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, 156) }
```

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

```
.background{ background-color: rgb(121,  
185, 156) }
```

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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