

Converting Colors

$Yxy(40.9392, 0.2836, 0.3656)$

Have a look what the booklet for
Yxy(40.9392, 0.2836, 0.3656)
contains.

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Color

Yxy(41.1790, 0.2836, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	7DB8A0
RGB	125, 184, 160
RGB Percent	49%, 72%, 63%
CMY	0.5097, 0.2784, 0.3726
CMYK	0.32, 0.00, 0.13, 0.28
HSL	156°, 29%, 61%
HSV	156°, 32%, 72%
XYZ	31.9430, 41.1790, 39.5120
YIQ	163.6230, -27.4600, -19.9720

Conversions

Conversions Part 2

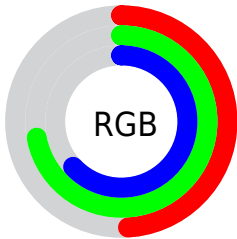
Format	Color
RYB	125, 162, 184
Decimal	8239264
CIELab	70.30, -24.36, 6.14
CIELCh	70, 25.121, 165.852
Yxy	41.1790, 0.2836, 0.3656
Android (android.graphics.Color)	4286429344 (0xFF7DB8A0)
YUV	163.6230, -1.7861, -33.8724
Hunter-Lab	64.1709, -23.4452, 8.4129

Details

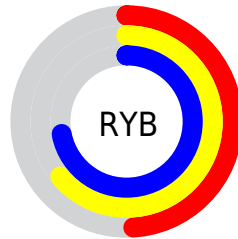
The Yxy color **41.1790, 0.2836, 0.3656** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.0332, 0.3555, 0.2954**, and the grayscale version is **36.9559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8102, 0.2889, 0.3578**, and **18.7532, 0.2739, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **39.6671, 0.2760, 0.3793**, and if you desaturate by 10%, it is **42.9666, 0.2921, 0.3530**.

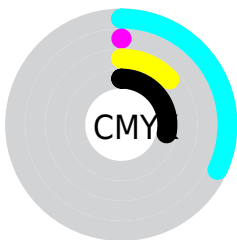
Distribution



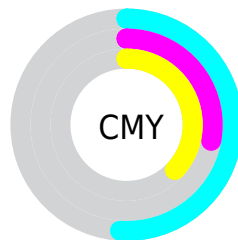
- Red (49%)
- Green (72%)
- Blue (63%)



- Red (49%)
- Yellow (64%)
- Blue (72%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)



- Cyan (51%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1790, 0.2836, 0.3656 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 41.1790, 0.2836, 0.3656 by changing the saturation by 10% instead.

■ 41.1790, 0.2836,
0.3656

■ 41.1790, 0.2836,
0.3656

■ 351.0682, 0.2987,
0.3465

■ 28.4590, 0.2797,
0.3707

■ 76.9555, 0.2892,
0.3584

■ 18.6719, 0.2745,
0.3773

■ 100.7809, 0.2913,
0.3558

■ 11.4335, 0.2675,
0.3865

■ 129.0767, 0.2930,
0.3536

■ 6.3592, 0.2573,
0.4001

■ 162.2275, 0.2945,
0.3518

■ 3.0647, 0.2413,
0.4218

■ 200.6177, 0.2957,
0.3502

■ 1.1656, 0.1983,
0.4724

■ 244.6316, 0.2968,

■ 0.0333, 0.0000,

0.3488

1.0000

294.6536, 0.2978,
0.3476

0.0000, 0.0000,
0.0000

41.1790, 0.2836,
0.3656

41.1790, 0.2836,
0.3656

39.6671, 0.2760,
0.3793

42.9666, 0.2921,
0.3530

38.4115, 0.2696,
0.3939

45.0382, 0.3012,
0.3414

37.3978, 0.2648,
0.4092


47.4080, 0.3107,
0.3310


36.6086, 0.2618,
0.4249

50.0877, 0.3204,
0.3217

36.0236, 0.2607,
0.4407


53.0884, 0.3300,
0.3134


 35.6187, 0.2617,
0.4563

 56.4206, 0.3394,
0.3062

 35.3877, 0.2634,
0.4683

 60.0943, 0.3486,
0.2998

 60.7059, 0.3434,
0.2924

 61.1118, 0.3373,
0.2851

Harmonies

Analogous

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



41.1790, 0.3190, 0.3896



41.1790, 0.2836, 0.3656



41.1790, 0.2570, 0.3307

Triad

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



41.1790, 0.2836, 0.3656



41.1790, 0.2703, 0.2692



41.1790, 0.3855, 0.3533

Complementary

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



41.1790, 0.2836, 0.3656



27.0332, 0.3555, 0.2954

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.



41.1790, 0.3712, 0.3233



41.1790, 0.2836, 0.3656



41.1790, 0.3030, 0.2766

Square

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



41.1790, 0.2836, 0.3656



41.1790, 0.2498, 0.2762



41.1790, 0.3402, 0.2959



41.1790, 0.3788, 0.3795

Rectangle

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



41.1790, 0.2836, 0.3656



41.1790, 0.2472, 0.3079



41.1790, 0.3402, 0.2959



41.1790, 0.3830, 0.3434

Sweetspot

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



41.1807, 0.2836, 0.3656



82.4112, 0.3030, 0.3394



42.2088, 0.3290, 0.4165



17.6433, 0.3017, 0.3409



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.



41.1807, 0.2836, 0.3656



72.7899, 0.2785, 0.3745



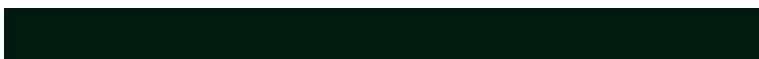
40.0972, 0.2667, 0.3216



10.1470, 0.3038, 0.3385



24.4023, 0.2629, 0.4665



0.8722, 0.2519, 0.4269

Inverse Universe

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



27.0332, 0.3555, 0.2954



43.3787, 0.3678, 0.2883



27.6188, 0.3828, 0.3362



9.0712, 0.3226, 0.3197



7.3859, 0.5317, 0.2702



0.2727, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 41.1790, 0.2836, 0.3656 looks on a white background.

Color Contrast Check

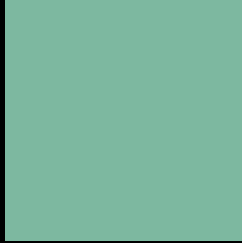
Large Text (above 18pt) WCAG AA × Fail

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 41.1790, 0.2836, 0.3656 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 41.1790, 0.2836, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 41.1790, 0.2836, 0.3656.

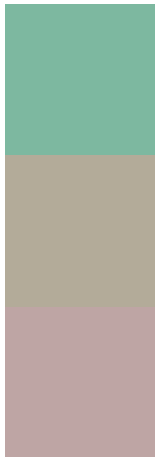


This preview shows how white text looks on a background with the Yxy color 41.1790, 0.2836, 0.3656.

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

41.1790, 0.2836, 0.3656

Protanopia

41.0094, 0.3356, 0.3538

Deuteranopia

40.5378, 0.3374, 0.3304



Tritanopia

41.0408, 0.2649, 0.3074

Trichromacy



Original Color

41.1790, 0.2836, 0.3656

Protanomaly

40.8219, 0.3140, 0.3578

Deuteranomaly

40.2564, 0.3148, 0.3417

Tritanomaly

41.0923, 0.2711, 0.3274

Monochromacy



Original Color

41.1790, 0.2836, 0.3656

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2542, 0.3007, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1790, 0.2836, 0.3656 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(125, 184, 160)` looks like.

```
.text, #text, p{  
    color:rgb(125, 184, 160)  
}
```

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(125, 184, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 184, 160) }
```

Border

The CSS property to change the border of an element to Yxy 41.1790, 0.2836, 0.3656 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(125, 184, 160) }
```

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

```
.border{ border-color:rgb(125, 184, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 184, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 184, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 184, 160);  
box-shadow:4px 4px 4px 4px rgb(125, 184,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1790, 0.2836, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 184, 160) }
```

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

```
.background{ background-color: rgb(125,  
184, 160) }
```

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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