

Converting Colors

$Yxy(41.5064, 0.2571, 0.3086)$

Have a look what the booklet for
Yxy(41.5064, 0.2571, 0.3086)
contains.

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Color

Yxy(41.5064, 0.2571, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	79B6C4
RGB	121, 182, 196
RGB Percent	47%, 71%, 77%
CMY	0.5254, 0.2863, 0.2314
CMYK	0.38, 0.07, 0.00, 0.23
HSL	191°, 39%, 62%
HSV	191°, 38%, 77%
XYZ	34.5797, 41.5064, 58.4129
YIQ	165.3570, -40.8500, -8.5780

Conversions

Conversions Part 2

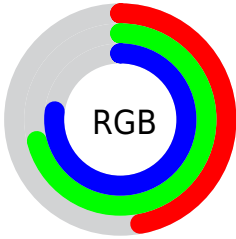
Format	Color
RYB	121, 155, 196
Decimal	7976644
CIELab	70.53, -16.03, -13.32
CIELCh	71, 20.842, 219.729
Yxy	41.5064, 0.2571, 0.3086
Android (android.graphics.Color)	4286166724 (0xFF79B6C4)
YUV	165.3570, 15.1070, -38.9011
Hunter-Lab	64.4255, -16.9365, -8.6589

Details

The Yxy color **41.5064, 0.2571, 0.3086** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.4540, 0.3988, 0.3481**, and the grayscale version is **37.7516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4710, 0.2669, 0.3123**, and **18.8468, 0.2414, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **38.7526, 0.2447, 0.3024**, and if you desaturate by 10%, it is **44.5903, 0.2707, 0.3145**.

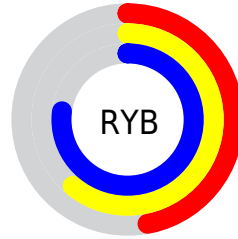
Distribution



Red (47%)

Green (71%)

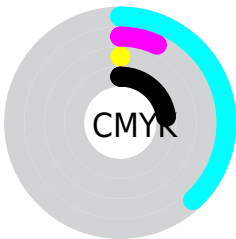
Blue (77%)



Red (47%)

Yellow (61%)

Blue (77%)

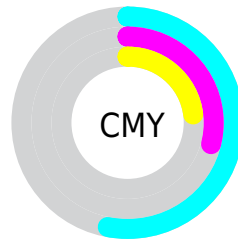


Cyan (38%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (53%)


Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5064, 0.2571, 0.3086 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 41.5064, 0.2571, 0.3086 by changing the saturation by 10% instead.


 41.5064, 0.2571,
0.3086

 41.5064, 0.2571,
0.3086


352.4327, 0.2849,
0.3195

 28.7150, 0.2502,
0.3057

 77.4520, 0.2672,
0.3127

 18.8653, 0.2414,
0.3018


 101.3750, 0.2710,
0.3142

 11.5730, 0.2297,
0.2964


 129.7774, 0.2742,
0.3155

 6.4536, 0.2136,
0.2885

163.0434, 0.2769,
0.3165

 3.1228, 0.1900,
0.2759

201.5576, 0.2793,
0.3174

 1.1962, 0.1519,
0.2536

245.7042, 0.2814,

 0.0586, 0.0000,

0.3182

0.0556

295.8678, 0.2833,
0.3189

■ 0.0000, 0.0000,
0.0000

■ 41.5064, 0.2571,
0.3086

■ 41.5064, 0.2571,
0.3086

■ 38.7526, 0.2447,
0.3024

■ 44.5903, 0.2707,
0.3145

■ 36.3063, 0.2338,
0.2958

■ 48.0158, 0.2851,
0.3200

■ 34.1493, 0.2247,
0.2892

■ 51.7998, 0.3001,
0.3251

■ 32.2593, 0.2174,
0.2824

■ 55.9563, 0.3154,
0.3298

■ 30.6102, 0.2120,
0.2757

■ 60.4987, 0.3307,
0.3340

■ 29.1615, 0.2083,
0.2690

■ 65.4398, 0.3458,
0.3377

■ 28.9177, 0.2077,
0.2678

■ 70.1735, 0.3581,
0.3411

■ 71.9749, 0.3572,
0.3448

■ 73.8178, 0.3564,
0.3485

Harmonies

Analogous

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



41.5064, 0.2700, 0.3367



41.5064, 0.2571, 0.3086



41.5064, 0.2582, 0.2880

Triad

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



41.5064, 0.2571, 0.3086



41.5064, 0.3295, 0.2974



41.5064, 0.3523, 0.3814

Complementary

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



41.5064, 0.2571, 0.3086



30.4540, 0.3988, 0.3481

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.



41.5064, 0.3700, 0.3675



41.5064, 0.2571, 0.3086



41.5064, 0.3567, 0.3195

Square

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



41.5064, 0.2571, 0.3086



41.5064, 0.2987, 0.2829



41.5064, 0.3717, 0.3447



41.5064, 0.3245, 0.3807

Rectangle

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



41.5064, 0.2571, 0.3086



41.5064, 0.2667, 0.2808



41.5064, 0.3717, 0.3447



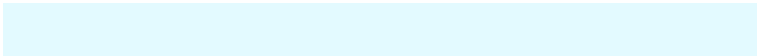
41.5064, 0.3597, 0.3781

Sweetspot

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



41.5080, 0.2571, 0.3086



91.7657, 0.2957, 0.3237



45.2901, 0.2985, 0.4226



19.4369, 0.2936, 0.3230



0.0000, 0.0000, 0.0000



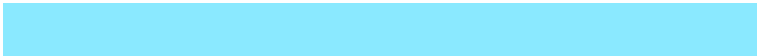
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5080, 0.2571, 0.3086



70.9280, 0.2465, 0.3033



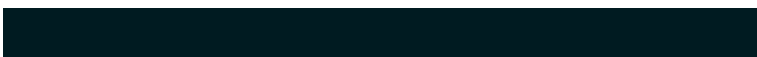
28.2336, 0.2487, 0.2512



11.0983, 0.2984, 0.3246



18.6986, 0.2080, 0.2688



0.8926, 0.2121, 0.2836

Inverse Universe

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



28.7954, 0.3319, 0.2512



45.2395, 0.3373, 0.2348



42.7211, 0.3801, 0.3958



10.2142, 0.3165, 0.3105



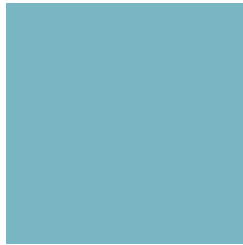
9.1699, 0.3740, 0.1834



0.4048, 0.3601, 0.1758

Previews

White Background



This preview shows how the Yxy color 41.5064, 0.2571, 0.3086 looks on a white background.

Color Contrast Check

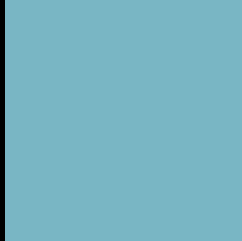
Large Text (above 18pt) WCAG AA × Fail

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 41.5064, 0.2571, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

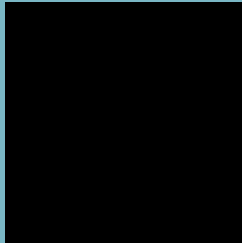
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5064, 0.2571, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 41.5064, 0.2571, 0.3086.



This preview shows how white text looks on a background with the Yxy color 41.5064, 0.2571, 0.3086.

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

41.5064, 0.2571, 0.3086

Protanopia

41.3460, 0.2972, 0.3048

Deuteranopia

41.2427, 0.2936, 0.2884



Tritanopia

41.5521, 0.2565, 0.3072

Trichromacy



Original Color

41.5064, 0.2571, 0.3086

Protanomaly

41.1411, 0.2805, 0.3053

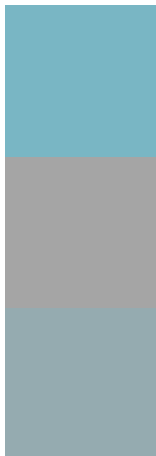
Deuteranomaly

40.9329, 0.2783, 0.2947

Tritanomaly

41.5521, 0.2565, 0.3072

Monochromacy



Original Color

41.5064, 0.2571, 0.3086

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.6500, 0.2896, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5064, 0.2571, 0.3086 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, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 196)  
}
```

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, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 196) }
```

Border

The CSS property to change the border of an element to Yxy 41.5064, 0.2571, 0.3086 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, 182, 196) }
```

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

```
.border{ border-color:rgb(121, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5064, 0.2571, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 196) }
```

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

```
.background{ background-color: rgb(121,  
182, 196) }
```

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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