

Converting Colors

$Yxy(49.3141, 0.2792, 0.3861)$

Have a look what the booklet for
Yxy(49.3141, 0.2792, 0.3861)
contains.

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Color

Yxy(49.3141, 0.2792, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	77CBA4
RGB	119, 203, 164
RGB Percent	47%, 80%, 64%
CMY	0.5334, 0.2039, 0.3570
CMYK	0.41, 0.00, 0.19, 0.20
HSL	152°, 45%, 63%
HSV	152°, 41%, 80%
XYZ	35.6604, 49.3141, 42.7491
YIQ	173.4380, -37.5450, -29.9370

Conversions

Conversions Part 2

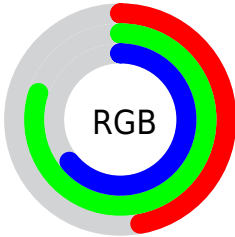
Format	Color
RYB	119, 174, 203
Decimal	7850916
CIELab	75.65, -34.40, 11.56
CIELCh	76, 36.296, 161.424
Yxy	49.3141, 0.2792, 0.3861
Android (android.graphics.Color)	4286040996 (0xFF77CBA4)
YUV	173.4380, -4.6529, -47.7421
Hunter-Lab	70.2240, -32.2479, 13.0638

Details

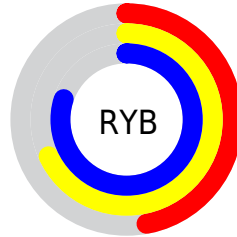
The Yxy color $49.3141, 0.2792, 0.3861$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $28.3557, 0.3681, 0.2791$, and the grayscale version is $42.0608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6331, 0.2849, 0.3696$, and $23.4396, 0.2690, 0.4034$ is the 20% darker color. If you saturate the color by 10%, you get $47.7021, 0.2733, 0.4030$, and if you desaturate by 10%, it is $51.2622, 0.2863, 0.3703$.

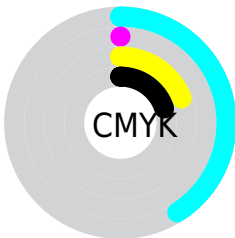
Distribution



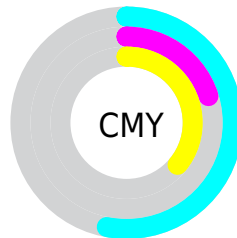
- Red (47%)
- Green (80%)
- Blue (64%)



- Red (47%)
- Yellow (68%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)





- Cyan (53%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3141, 0.2792, 0.3861 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 49.3141, 0.2792, 0.3861 by changing the saturation by 10% instead.


 49.3141, 0.2792,
0.3861

 49.3141, 0.2792,
0.3861


383.9776, 0.2963,
0.3567


 34.8687, 0.2748,
0.3937


 89.1578, 0.2855,
0.3752

 23.5618, 0.2692,
0.4036


 115.3249, 0.2878,
0.3712

 15.0089, 0.2615,
0.4171


 146.1680, 0.2898,
0.3678

 8.8256, 0.2506,
0.4363

182.0715, 0.2915,
0.3650

 4.6276, 0.2340,
0.4662

223.4198, 0.2929,
0.3625

 2.0305, 0.2058,
0.5181

270.5973, 0.2942,

 0.6251, 0.0000,

0.3603

1.0000

323.9884, 0.2953,
0.3584

■ 0.0000, 0.0000,
0.0000

■ 49.3141, 0.2792,
0.3861

■ 49.3141, 0.2792,
0.3861

■ 47.7021, 0.2733,
0.4030

■ 51.2622, 0.2863,
0.3703

■ 46.3997, 0.2689,
0.4207

■ 53.5587, 0.2942,
0.3557

■ 45.3866, 0.2662,
0.4389


■ 56.2229, 0.3027,
0.3425

■ 44.6369, 0.2656,
0.4571

■ 59.2707, 0.3115,
0.3306

■ 44.1200, 0.2669,
0.4749

■ 62.7170, 0.3203,
0.3200

 43.8140, 0.2693,
0.4896

 66.5760, 0.3291,
0.3106

 69.6885, 0.3331,
0.3019

 70.2327, 0.3261,
0.2928

 70.8061, 0.3194,
0.2839

Harmonies

Analogous

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



49.3141, 0.3274, 0.4158



49.3141, 0.2792, 0.3861



49.3141, 0.2419, 0.3378

Triad

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



49.3141, 0.2792, 0.3861



49.3141, 0.2505, 0.2496



49.3141, 0.4109, 0.3540

Complementary

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



49.3141, 0.2792, 0.3861



28.3557, 0.3681, 0.2791

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.



49.3141, 0.3874, 0.3147



49.3141, 0.2792, 0.3861



49.3141, 0.2918, 0.2572

Square

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



49.3141, 0.2792, 0.3861



49.3141, 0.2267, 0.2607



49.3141, 0.3423, 0.2804



49.3141, 0.4052, 0.3910

Rectangle

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



49.3141, 0.2792, 0.3861



49.3141, 0.2273, 0.3056



49.3141, 0.3423, 0.2804



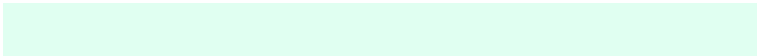
49.3141, 0.4062, 0.3408

Sweetspot

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



49.3161, 0.2792, 0.3861



93.7694, 0.3020, 0.3434



51.3363, 0.3362, 0.4446



19.9377, 0.3009, 0.3451



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.



49.3161, 0.2792, 0.3861



80.0458, 0.2737, 0.4018



49.6377, 0.2559, 0.3250



12.6357, 0.3044, 0.3400



27.8988, 0.2687, 0.4873



1.4545, 0.2593, 0.4534

Inverse Universe

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



28.3557, 0.3681, 0.2791



40.1443, 0.3868, 0.2685



27.8946, 0.4165, 0.3330



11.2989, 0.3218, 0.3183



8.6157, 0.5091, 0.2578



0.4598, 0.4629, 0.2324

Previews

White Background



This preview shows how the Yxy color 49.3141, 0.2792, 0.3861 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 49.3141, 0.2792, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

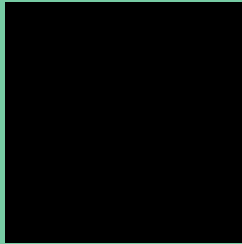
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3141, 0.2792, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 49.3141, 0.2792, 0.3861.

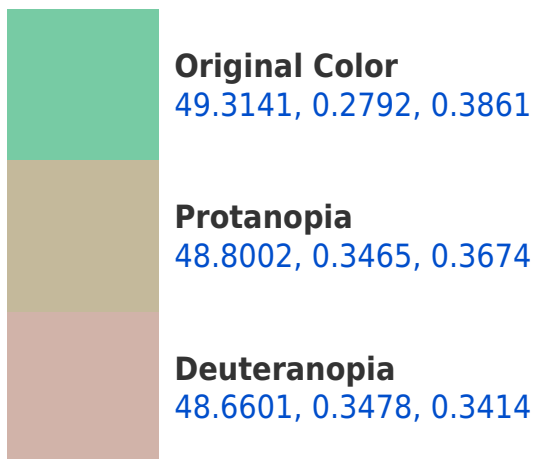


This preview shows how white text looks on a background with the Yxy color 49.3141, 0.2792, 0.3861.

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





Tritanopia

49.0586, 0.2567, 0.3073

Trichromacy



Original Color

49.3141, 0.2792, 0.3861



Protanomaly

48.4927, 0.3186, 0.3753



Deuteranomaly

47.9866, 0.3189, 0.3570



Tritanomaly

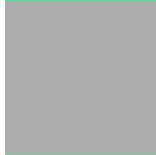
49.2990, 0.2647, 0.3344

Monochromacy



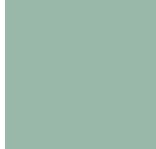
Original Color

49.3141, 0.2792, 0.3861



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

43.9556, 0.2978, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3141, 0.2792, 0.3861 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(119, 203, 164)` looks like.

```
.text, #text, p{  
    color:rgb(119, 203, 164)  
}
```

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(119, 203, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 203, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.3141, 0.2792, 0.3861 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(119, 203, 164) }
```

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

```
.border{ border-color:rgb(119, 203, 164) }
```

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

Here you see how a box with a 4 pixel rgb(119, 203, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 203, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 203, 164);  
box-shadow:4px 4px 4px 4px rgb(119, 203,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3141, 0.2792, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 203, 164) }
```

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

```
.background{ background-color: rgb(119,  
203, 164) }
```

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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