

Converting Colors

$Yxy(42.3998, 0.2869, 0.3751)$

Have a look what the booklet for
Yxy(42.3998, 0.2869, 0.3751)
contains.

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Color

Yxy(42.4106, 0.2866, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	7EBB9D
RGB	126, 187, 157
RGB Percent	49%, 73%, 62%
CMY	0.5060, 0.2666, 0.3843
CMYK	0.33, 0.00, 0.16, 0.27
HSL	151°, 31%, 61%
HSV	151°, 33%, 73%
XYZ	32.4563, 42.4106, 38.3790
YIQ	165.3410, -26.7260, -22.2620

Conversions

Conversions Part 2

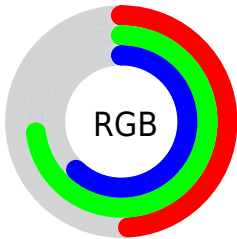
Format	Color
RYB	126, 166, 187
Decimal	8305565
CIELab	71.15, -26.18, 8.99
CIElCh	71, 27.678, 161.055
Yxy	42.4106, 0.2866, 0.3745
Android (android.graphics.Color)	4286495645 (0xFF7EBB9D)
YUV	165.3410, -4.1121, -34.5021
Hunter-Lab	65.1234, -25.0050, 10.6451

Details

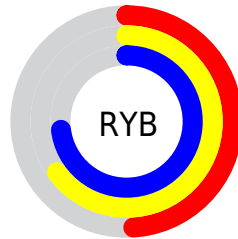
The Yxy color **42.4106, 0.2866, 0.3745** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.8757, 0.3505, 0.2878**, and the grayscale version is **37.8258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5579, 0.2913, 0.3646**, and **19.2715, 0.2779, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **40.8195, 0.2799, 0.3914**, and if you desaturate by 10%, it is **44.2945, 0.2941, 0.3590**.

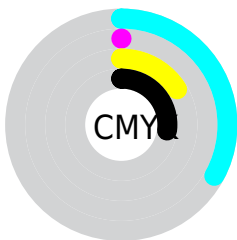
Distribution



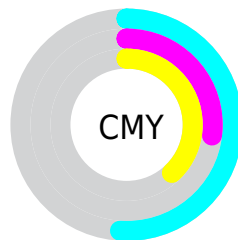
- Red (49%)
- Green (73%)
- Blue (62%)



- Red (49%)
- Yellow (65%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4106, 0.2866, 0.3745 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 42.4106, 0.2866, 0.3745 by changing the saturation by 10% instead.

■ 42.4106, 0.2866,
0.3745

■ 42.4106, 0.2866,
0.3745

■ 356.1822, 0.3002,
0.3507

■ 29.4229, 0.2830,
0.3808

■ 78.8207, 0.2917,
0.3656

■ 19.4010, 0.2783,
0.3892

■ 103.0119, 0.2935,
0.3623

■ 11.9604, 0.2719,
0.4007

■ 131.7064, 0.2951,
0.3596

■ 6.7167, 0.2624,
0.4176

■ 165.2886, 0.2964,
0.3573

■ 3.2856, 0.2475,
0.4448

■ 204.1429, 0.2976,
0.3553

■ 1.2826, 0.2110,
0.5063

■ 248.6536, 0.2986,

■ 0.1277, 0.0000,

0.3535

1.0000

299.2053, 0.2994,
0.3520

0.0000, 0.0000,
0.0000

42.4106, 0.2866,
0.3745

42.4106, 0.2866,
0.3745

40.8195, 0.2799,
0.3914

44.2945, 0.2941,
0.3590

39.5006, 0.2744,
0.4093

46.4802, 0.3021,
0.3448

38.4388, 0.2704,
0.4281


48.9827, 0.3105,
0.3321


37.6154, 0.2682,
0.4473

51.8143, 0.3189,
0.3208

37.0088, 0.2679,
0.4664

54.9868, 0.3273,
0.3108

 36.5936, 0.2696,
0.4849

 58.5114, 0.3354,
0.3020

 36.3737, 0.2717,
0.4979

 62.0434, 0.3418,
0.2941

 62.5476, 0.3345,
0.2851

 63.0792, 0.3273,
0.2764

Harmonies

Analogous

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



42.4106, 0.3258, 0.3977



42.4106, 0.2866, 0.3745



42.4106, 0.2557, 0.3370

Triad

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



42.4106, 0.2866, 0.3745



42.4106, 0.2620, 0.2643



42.4106, 0.3912, 0.3500

Complementary

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



42.4106, 0.2866, 0.3745



27.8757, 0.3505, 0.2878

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.



42.4106, 0.3721, 0.3175



42.4106, 0.2866, 0.3745



42.4106, 0.2957, 0.2700

Square

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



42.4106, 0.2866, 0.3745



42.4106, 0.2424, 0.2742



42.4106, 0.3363, 0.2891



42.4106, 0.3874, 0.3797

Rectangle

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



42.4106, 0.2866, 0.3745



42.4106, 0.2434, 0.3114



42.4106, 0.3363, 0.2891



42.4106, 0.3873, 0.3391

Sweetspot

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



42.4123, 0.2866, 0.3745



84.2952, 0.3042, 0.3415



44.1668, 0.3337, 0.4171



18.4297, 0.3030, 0.3434



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.4123, 0.2866, 0.3745



73.9057, 0.2818, 0.3861



43.5659, 0.2668, 0.3289



10.7284, 0.3049, 0.3405



25.0733, 0.2711, 0.4958



0.9953, 0.2590, 0.4523

Inverse Universe

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



27.8757, 0.3505, 0.2878



43.9337, 0.3618, 0.2788



26.9822, 0.3870, 0.3292



9.6124, 0.3213, 0.3178



7.8247, 0.4971, 0.2512



0.3197, 0.4440, 0.2219

Previews

White Background



This preview shows how the Yxy color 42.4106, 0.2866, 0.3745 looks on a white background.

Color Contrast Check

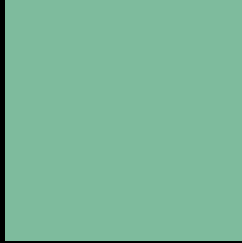
Large Text (above 18pt) WCAG AA × Fail

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 42.4106, 0.2866, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

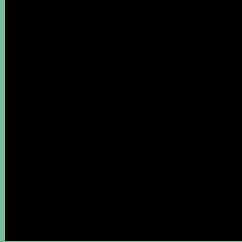
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4106, 0.2866, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 42.4106, 0.2866, 0.3745.



This preview shows how white text looks on a background with the Yxy color 42.4106, 0.2866, 0.3745.

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

42.4106, 0.2866, 0.3745

Protanopia

42.0342, 0.3407, 0.3604

Deuteranopia

41.8127, 0.3445, 0.3369



Tritanopia

42.5098, 0.2656, 0.3091

Trichromacy



Original Color

42.4106, 0.2866, 0.3745

Protanomaly

41.8221, 0.3189, 0.3647

Deuteranomaly

41.3562, 0.3208, 0.3486

Tritanomaly

42.4837, 0.2729, 0.3318

Monochromacy



Original Color

42.4106, 0.2866, 0.3745

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.0751, 0.3023, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4106, 0.2866, 0.3745 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(126, 187, 157)` looks like.

```
.text, #text, p{  
    color:rgb(126, 187, 157)  
}
```

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(126, 187, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 187, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.4106, 0.2866, 0.3745 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(126, 187, 157) }
```

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

```
.border{ border-color:rgb(126, 187, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 187, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 187, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 187, 157);  
box-shadow:4px 4px 4px 4px rgb(126, 187,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4106, 0.2866, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 187, 157) }
```

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

```
.background{ background-color: rgb(126,  
187, 157) }
```

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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