

Converting Colors

$Yxy(44.9505, 0.2989, 0.3595)$

Have a look what the booklet for
Yxy(44.9505, 0.2989, 0.3595)
contains.

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Color

Yxy(44.7779, 0.2984, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	96BBA6
RGB	150, 187, 166
RGB Percent	59%, 73%, 65%
CMY	0.4118, 0.2666, 0.3490
CMYK	0.20, 0.00, 0.11, 0.27
HSL	146°, 21%, 66%
HSV	146°, 20%, 73%
XYZ	37.2297, 44.7779, 42.7567
YIQ	173.5430, -15.3110, -14.3750

Conversions

Conversions Part 2

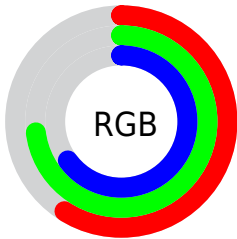
Format	Color
RYB	150, 176, 187
Decimal	9878438
CIELab	72.75, -16.69, 6.55
CIElCh	73, 17.927, 158.563
Yxy	44.7779, 0.2984, 0.3589
Android (android.graphics.Color)	4288068518 (0xFF96BBA6)
YUV	173.5430, -3.7187, -20.6472
Hunter-Lab	66.9163, -17.7929, 8.9576

Details

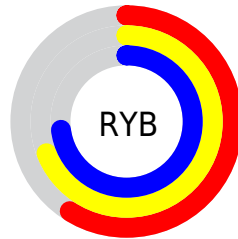
The Yxy color $44.7779, 0.2984, 0.3589$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $35.3161, 0.3302, 0.3009$, and the grayscale version is $42.1064, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3008, 0.3014, 0.3530$, and $20.9177, 0.2947, 0.3689$ is the 20% darker color. If you saturate the color by 10%, you get $42.7715, 0.2916, 0.3765$, and if you desaturate by 10%, it is $47.1033, 0.3056, 0.3430$.

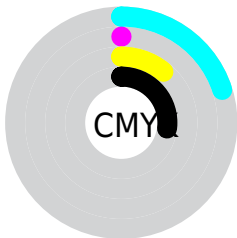
Distribution



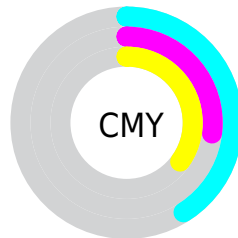
- Red (59%)
- Green (73%)
- Blue (65%)



- Red (59%)
- Yellow (69%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (41%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7779, 0.2984, 0.3589 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 44.7779, 0.2984, 0.3589 by changing the saturation by 10% instead.


 44.7779, 0.2984,
0.3589


 44.7779, 0.2984,
0.3589


365.8733, 0.3058,
0.3435

 31.2825, 0.2965,
0.3629


 82.3870, 0.3011,
0.3532

 20.8141, 0.2940,
0.3681


 107.2696, 0.3021,
0.3511

 12.9882, 0.2906,
0.3752


136.7166, 0.3030,
0.3493

 7.4204, 0.2857,
0.3854

171.1126, 0.3037,
0.3478

 3.7264, 0.2781,
0.4013

210.8418, 0.3043,
0.3465

 1.5217, 0.2646,
0.4297

256.2888, 0.3049,

 0.3039, 0.0000,

0.3454

1.0000

307.8378, 0.3053,
0.3444

0.0000, 0.0000,
0.0000

44.7779, 0.2984,
0.3589

44.7779, 0.2984,
0.3589

42.7715, 0.2916,
0.3765

47.1033, 0.3056,
0.3430

41.0643, 0.2855,
0.3958

49.7553, 0.3129,
0.3287

39.6429, 0.2804,
0.4165

52.7484, 0.3202,
0.3161

38.4907, 0.2766,
0.4381

56.0942, 0.3273,
0.3050

37.5890, 0.2743,
0.4602

59.8041, 0.3343,
0.2953

■ 36.9171, 0.2740,
0.4821

■ 62.4983, 0.3351,
0.2859

■ 36.4503, 0.2755,
0.5031

■ 63.1118, 0.3268,
0.2758

■ 36.1413, 0.2785,
0.5225

■ 63.7622, 0.3189,
0.2661

■ 36.1355, 0.2786,
0.5229

■ 64.0233, 0.3158,
0.2624

Harmonies

Analogous

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



44.7779, 0.3238, 0.3723



44.7779, 0.2984, 0.3589



44.7779, 0.2775, 0.3366

Triad

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



44.7779, 0.2984, 0.3589



44.7779, 0.2786, 0.2871



44.7779, 0.3619, 0.3418

Complementary

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



44.7779, 0.2984, 0.3589



35.3161, 0.3302, 0.3009

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.



44.7779, 0.3488, 0.3203



44.7779, 0.2984, 0.3589



44.7779, 0.3001, 0.2896

Square

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



44.7779, 0.2984, 0.3589



44.7779, 0.2664, 0.2952



44.7779, 0.3259, 0.3016



44.7779, 0.3610, 0.3610

Rectangle

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



44.7779, 0.2984, 0.3589



44.7779, 0.2685, 0.3205



44.7779, 0.3259, 0.3016



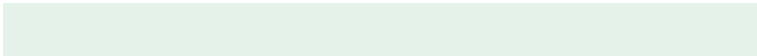
44.7779, 0.3589, 0.3346

Sweetspot

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



44.7798, 0.2984, 0.3589



86.0412, 0.3082, 0.3375



46.4687, 0.3285, 0.3797



18.8807, 0.3078, 0.3385



95.5105, 0.3127, 0.3290



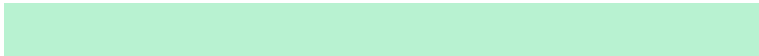
19.5994, 0.3127, 0.3290

Same Dimension

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



44.7798, 0.2984, 0.3589



78.4732, 0.2952, 0.3668



45.4840, 0.2856, 0.3332



10.7163, 0.3059, 0.3423



24.9098, 0.2780, 0.5206



0.9889, 0.2646, 0.4725

Inverse Universe

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



35.3161, 0.3302, 0.3009



58.2634, 0.3352, 0.2941



34.6783, 0.3481, 0.3249



9.6246, 0.3202, 0.3161



8.0127, 0.4654, 0.2337



0.3268, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 44.7779, 0.2984, 0.3589 looks on a white background.

Color Contrast Check

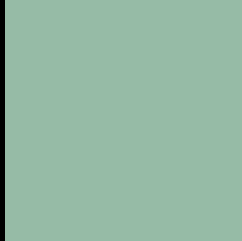
Large Text (above 18pt) WCAG AA × Fail

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 44.7779, 0.2984, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

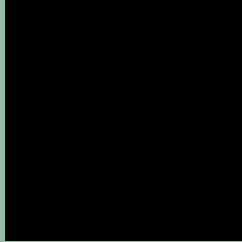
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7779, 0.2984, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 44.7779, 0.2984, 0.3589.



This preview shows how white text looks on a background with the Yxy color 44.7779, 0.2984, 0.3589.

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

44.7779, 0.2984, 0.3589

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.5117, 0.3400, 0.3329



Tritanopia

44.9661, 0.2808, 0.3100

Trichromacy



Original Color

44.7779, 0.2984, 0.3589

Protanomaly

44.4627, 0.3193, 0.3536

Deuteranomaly

44.0952, 0.3237, 0.3410

Tritanomaly

44.6962, 0.2870, 0.3262

Monochromacy



Original Color

44.7779, 0.2984, 0.3589

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.1798, 0.3071, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7779, 0.2984, 0.3589 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(150, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(150, 187, 166)  
}
```

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(150, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 187, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.7779, 0.2984, 0.3589 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(150, 187, 166) }
```

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

```
.border{ border-color:rgb(150, 187, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 187, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(150, 187,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7779, 0.2984, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 187, 166) }
```

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

```
.background{ background-color: rgb(150,  
187, 166) }
```

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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