

Converting Colors

$Yxy(44.9795, 0.3029, 0.3442)$

Have a look what the booklet for
Yxy(44.9795, 0.3029, 0.3442)
contains.

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Color

Yxy(44.9795, 0.3029, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	A2B8AD
RGB	162, 184, 173
RGB Percent	64%, 72%, 68%
CMY	0.3647, 0.2784, 0.3217
CMYK	0.12, 0.00, 0.06, 0.28
HSL	150°, 13%, 68%
HSV	150°, 12%, 72%
XYZ	39.5825, 44.9795, 46.1164
YIQ	176.1680, -9.5810, -8.0850

Conversions

Conversions Part 2

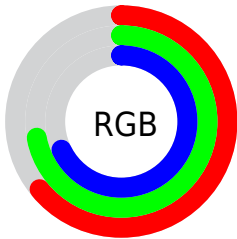
Format	Color
RYB	162, 177, 184
Decimal	10664109
CIELab	72.88, -9.71, 3.04
CIELCh	73, 10.176, 162.609
Yxy	44.9795, 0.3029, 0.3442
Android (android.graphics.Color)	4288854189 (0xFFA2B8AD)
YUV	176.1680, -1.5618, -12.4253
Hunter-Lab	67.0668, -12.0170, 6.1778

Details

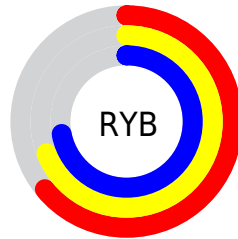
The Yxy color $44.9795, 0.3029, 0.3442$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $39.0533, 0.3238, 0.3143$, and the grayscale version is $43.5210, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.6733, 0.3050, 0.3417$, and $20.9281, 0.2994, 0.3482$ is the 20% darker color. If you saturate the color by 10%, you get $42.8482, 0.2950, 0.3585$, and if you desaturate by 10%, it is $47.4212, 0.3111, 0.3313$.

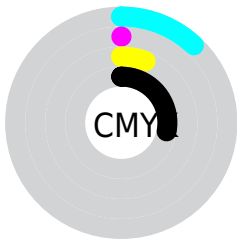
Distribution



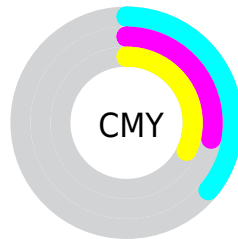
- Red (64%)
- Green (72%)
- Blue (68%)



- Red (64%)
- Yellow (69%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)





- Cyan (36%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9795, 0.3029, 0.3442 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 44.9795, 0.3029, 0.3442 by changing the saturation by 10% instead.


 44.9795, 0.3029,
0.3442

 44.9795, 0.3029,
0.3442


366.6905, 0.3079,
0.3365

 31.4413, 0.3016,
0.3462


 82.6896, 0.3047,
0.3414

 20.9351, 0.3000,
0.3487


 107.6304, 0.3054,
0.3403

 13.0766, 0.2978,
0.3522


137.1407, 0.3060,
0.3394

 7.4813, 0.2946,
0.3571

171.6051, 0.3065,
0.3387

 3.7649, 0.2898,
0.3647

211.4078, 0.3069,
0.3380

 1.5429, 0.2815,
0.3779

256.9334, 0.3073,

 0.3187, 0.1269,

0.3374

0.6142

308.5662, 0.3076,
0.3369

0.0000, 0.0000,
0.0000

44.9795, 0.3029,
0.3442

44.9795, 0.3029,
0.3442

42.8482, 0.2950,
0.3585

47.4212, 0.3111,
0.3313

41.0090, 0.2875,
0.3743

50.1797, 0.3194,
0.3199

39.4501, 0.2809,
0.3914


53.2680, 0.3275,
0.3098


38.1569, 0.2754,
0.4097


56.6968, 0.3355,
0.3009


37.1132, 0.2714,
0.4288


60.4765, 0.3432,
0.2931


 36.3012, 0.2691,
0.4484


 61.1636, 0.3365,
0.2842


 35.7004, 0.2687,
0.4679

 61.6910, 0.3292,
0.2754

 35.2866, 0.2703,
0.4867

 62.2462, 0.3221,
0.2668

 35.0509, 0.2726,
0.5012

 62.7630, 0.3160,
0.2595

Harmonies

Analogous

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



44.9795, 0.3173, 0.3525



44.9795, 0.3029, 0.3442



44.9795, 0.2913, 0.3316

Triad

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



44.9795, 0.3029, 0.3442



44.9795, 0.2947, 0.3047



44.9795, 0.3408, 0.3383

Complementary

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



44.9795, 0.3029, 0.3442



39.0533, 0.3238, 0.3143

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.



44.9795, 0.3345, 0.3259



44.9795, 0.3029, 0.3442



44.9795, 0.3077, 0.3068

Square

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



44.9795, 0.3029, 0.3442



44.9795, 0.2867, 0.3089



44.9795, 0.3222, 0.3145



44.9795, 0.3394, 0.3487

Rectangle

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



44.9795, 0.3029, 0.3442



44.9795, 0.2867, 0.3228



44.9795, 0.3222, 0.3145



44.9795, 0.3395, 0.3342

Sweetspot

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



44.9814, 0.3029, 0.3442



84.9771, 0.3094, 0.3339



45.8188, 0.3210, 0.3589



18.2454, 0.3087, 0.3349



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.



44.9814, 0.3029, 0.3442



80.6065, 0.3011, 0.3473



45.4109, 0.2950, 0.3294



10.1328, 0.3050, 0.3407



24.1696, 0.2720, 0.4990



0.8645, 0.2587, 0.4513

Inverse Universe

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



39.0533, 0.3238, 0.3143



68.0101, 0.3262, 0.3114



38.6566, 0.3336, 0.3286



9.0853, 0.3212, 0.3176



7.5734, 0.4925, 0.2487



0.2795, 0.4369, 0.2180

Previews

White Background



This preview shows how the Yxy color 44.9795, 0.3029, 0.3442 looks on a white background.

Color Contrast Check

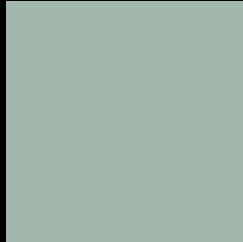
Large Text (above 18pt) WCAG AA × Fail

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 44.9795, 0.3029, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

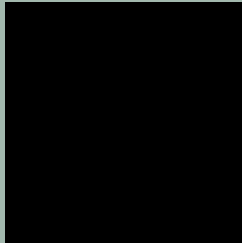
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

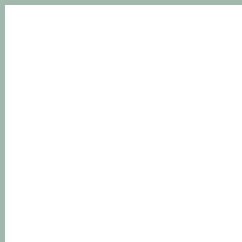
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9795, 0.3029, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 44.9795, 0.3029, 0.3442.



This preview shows how white text looks on a background with the Yxy color 44.9795, 0.3029, 0.3442.

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

44.9795, 0.3029, 0.3442

Protanopia

44.9334, 0.3245, 0.3396

Deuteranopia

44.8526, 0.3327, 0.3265



Tritanopia

45.0949, 0.2897, 0.3103

Trichromacy



Original Color

44.9795, 0.3029, 0.3442

Protanomaly

44.8129, 0.3165, 0.3411

Deuteranomaly

44.6906, 0.3213, 0.3330

Tritanomaly

45.0431, 0.2948, 0.3222

Monochromacy



Original Color

44.9795, 0.3029, 0.3442

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.9933, 0.3090, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9795, 0.3029, 0.3442 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(162, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 184, 173)  
}
```

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(162, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.9795, 0.3029, 0.3442 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(162, 184, 173) }
```

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

```
.border{ border-color:rgb(162, 184, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 184,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9795, 0.3029, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 184, 173) }
```

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

```
.background{ background-color: rgb(162,  
184, 173) }
```

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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