

Converting Colors

$Y_{xy}(48.0628, 0.2987, 0.3441)$

Have a look what the booklet for
Yxy(48.0628, 0.2987, 0.3441)
contains.

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Color

Yxy(48.3028, 0.2992, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	A3BFB3
RGB	163, 191, 179
RGB Percent	64%, 75%, 70%
CMY	0.3609, 0.2509, 0.2981
CMYK	0.15, 0.00, 0.06, 0.25
HSL	154°, 18%, 69%
HSV	154°, 15%, 75%
XYZ	41.8662, 48.3028, 49.7580
YIQ	181.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

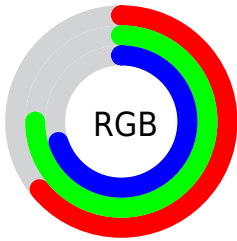
Format	Color
RYB	163, 181, 191
Decimal	10731443
CIELab	75.02, -11.88, 2.87
CIELCh	75, 12.218, 166.403
Yxy	48.3028, 0.2992, 0.3452
Android (android.graphics.Color)	4288921523 (0xFFA3BFB3)
YUV	181.2600, -1.1142, -16.0140
Hunter-Lab	69.5002, -14.0990, 6.2020

Details

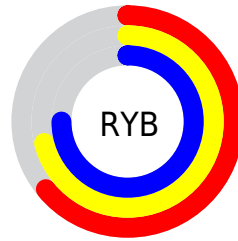
The Yxy color **48.3028, 0.2992, 0.3452** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3572, 0.3286, 0.3134**, and the grayscale version is **46.3657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4251, 0.3014, 0.3415**, and **23.0628, 0.2957, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **46.1173, 0.2905, 0.3577**, and if you desaturate by 10%, it is **50.8166, 0.3084, 0.3339**.

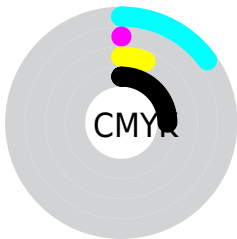
Distribution



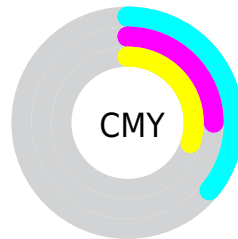
- Red (64%)
- Green (75%)
- Blue (70%)



- Red (64%)
- Yellow (71%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)




- Cyan (36%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3028, 0.2992, 0.3452 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 48.3028, 0.2992, 0.3452 by changing the saturation by 10% instead.

 48.3028, 0.2992,
0.3452


 48.3028, 0.2992,
0.3452


379.9911, 0.3060,
0.3371

 34.0667, 0.2975,
0.3472


 87.6551, 0.3017,
0.3422

 22.9449, 0.2953,
0.3499

 113.5401, 0.3026,
0.3411

 14.5528, 0.2924,
0.3534


144.0768, 0.3034,
0.3402

 8.5061, 0.2884,
0.3584

179.6498, 0.3040,
0.3394

 4.4205, 0.2823,
0.3659

220.6433, 0.3046,
0.3387

 1.9115, 0.2722,
0.3786

267.4417, 0.3051,

 0.5552, 0.1987,

0.3381

0.4639

320.4296, 0.3056,
0.3375

0.0000, 0.0000,
0.0000

48.3028, 0.2992,
0.3452

48.3028, 0.2992,
0.3452

46.1173, 0.2905,
0.3577

50.8166, 0.3084,
0.3339

44.2400, 0.2824,
0.3714

53.6656, 0.3177,
0.3238

42.6580, 0.2753,
0.3862

56.8642, 0.3270,
0.3148

41.3549, 0.2695,
0.4019

60.4243, 0.3362,
0.3068

40.3130, 0.2653,
0.4183

63.6912, 0.3423,
0.2996

■ 39.5120, 0.2630,
0.4350

■ 64.1358, 0.3359,
0.2915

■ 38.9288, 0.2627,
0.4517

■ 64.6019, 0.3295,
0.2836

■ 38.5355, 0.2643,
0.4679

■ 65.0898, 0.3233,
0.2759

■ 38.3736, 0.2657,
0.4764

■ 65.5999, 0.3173,
0.2684

Harmonies

Analogous

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



48.3028, 0.3158, 0.3558



48.3028, 0.2992, 0.3452



48.3028, 0.2864, 0.3300

Triad

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



48.3028, 0.2992, 0.3452



48.3028, 0.2933, 0.3005



48.3028, 0.3460, 0.3415

Complementary

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



48.3028, 0.2992, 0.3452



40.3572, 0.3286, 0.3134

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.



48.3028, 0.3396, 0.3271



48.3028, 0.2992, 0.3452



48.3028, 0.3089, 0.3039

Square

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



48.3028, 0.2992, 0.3452



48.3028, 0.2830, 0.3044



48.3028, 0.3259, 0.3136



48.3028, 0.3431, 0.3532

Rectangle

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



48.3028, 0.2992, 0.3452



48.3028, 0.2816, 0.3197



48.3028, 0.3259, 0.3136



48.3028, 0.3449, 0.3369

Sweetspot

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



48.3048, 0.2992, 0.3452



91.2965, 0.3089, 0.3332



49.0386, 0.3209, 0.3664



19.9674, 0.3082, 0.3340



97.7402, 0.3127, 0.3290



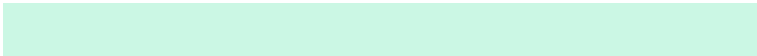
20.4902, 0.3127, 0.3290

Same Dimension

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



48.3048, 0.2992, 0.3452



85.0239, 0.2960, 0.3496



48.0025, 0.2906, 0.3264



10.7385, 0.3041, 0.3390



25.2313, 0.2651, 0.4742



1.0012, 0.2543, 0.4356

Inverse Universe

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



40.3572, 0.3286, 0.3134



67.7376, 0.3332, 0.3093



40.5742, 0.3393, 0.3315



9.6025, 0.3223, 0.3192



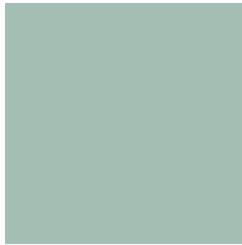
7.6940, 0.5232, 0.2656



0.3145, 0.4629, 0.2324

Previews

White Background



This preview shows how the Yxy color 48.3028, 0.2992, 0.3452 looks on a white background.

Color Contrast Check

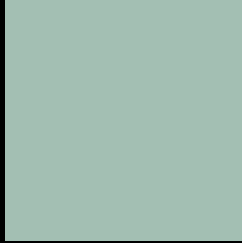
Large Text (above 18pt) WCAG AA × Fail

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 48.3028, 0.2992, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

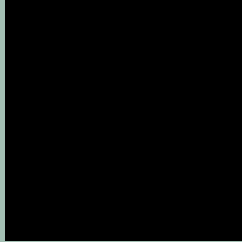
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

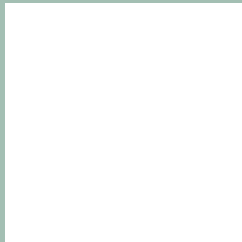
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3028, 0.2992, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 48.3028, 0.2992, 0.3452.



This preview shows how white text looks on a background with the Yxy color 48.3028, 0.2992, 0.3452.

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

48.3028, 0.2992, 0.3452

Protanopia

48.3233, 0.3250, 0.3406

Deuteranopia

47.9147, 0.3314, 0.3241



Tritanopia

48.4462, 0.2859, 0.3107

Trichromacy



Original Color

48.3028, 0.2992, 0.3452

Protanomaly

48.3785, 0.3154, 0.3434

Deuteranomaly

47.8945, 0.3186, 0.3316

Tritanomaly

48.3972, 0.2908, 0.3224

Monochromacy



Original Color

48.3028, 0.2992, 0.3452

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9919, 0.3074, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3028, 0.2992, 0.3452 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(163, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(163, 191, 179)  
}
```

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(163, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 48.3028, 0.2992, 0.3452 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(163, 191, 179) }
```

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

```
.border{ border-color:rgb(163, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(163, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3028, 0.2992, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 191, 179) }
```

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

```
.background{ background-color: rgb(163,  
191, 179) }
```

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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