

Converting Colors

$Yxy(44.6937, 0.2983, 0.4020)$

Have a look what the booklet for
Yxy(44.6937, 0.2983, 0.4020)
contains.

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Color

Yxy(44.8994, 0.2987, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	82C190
RGB	130, 193, 144
RGB Percent	51%, 76%, 56%
CMY	0.4904, 0.2431, 0.4353
CMYK	0.33, 0.00, 0.25, 0.24
HSL	133°, 34%, 63%
HSV	133°, 33%, 76%
XYZ	33.3038, 44.8994, 33.2927
YIQ	168.5770, -21.8190, -28.5950

Conversions

Conversions Part 2

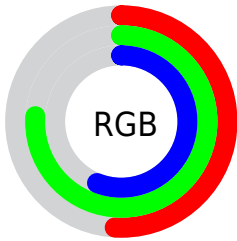
Format	Color
RYB	130, 182, 193
Decimal	8569232
CIELab	72.83, -30.37, 18.41
CIELCh	73, 35.515, 148.780
Yxy	44.8994, 0.2987, 0.4027
Android (android.graphics.Color)	4286759312 (0xFF82C190)
YUV	168.5770, -12.1165, -33.8320
Hunter-Lab	67.0070, -28.5442, 17.4465

Details

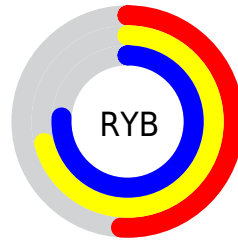
The Yxy color $44.8994, 0.2987, 0.4027$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $30.5456, 0.3309, 0.2652$, and the grayscale version is $39.5211, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7627, 0.3021, 0.3883$, and $20.8753, 0.2937, 0.4273$ is the 20% darker color. If you saturate the color by 10%, you get $43.0874, 0.2950, 0.4302$, and if you desaturate by 10%, it is $47.0624, 0.3028, 0.3773$.

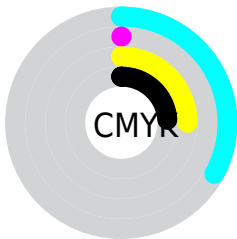
Distribution



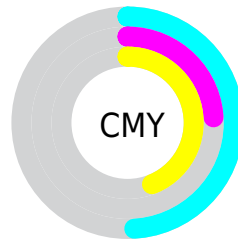
- Red (51%)
- Green (76%)
- Blue (56%)



- Red (51%)
- Yellow (71%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)





- Cyan (49%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8994, 0.2987, 0.4027 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 44.8994, 0.2987, 0.4027 by changing the saturation by 10% instead.

 44.8994, 0.2987,
0.4027

 44.8994, 0.2987,
0.4027


366.3660, 0.3066,
0.3639

 31.3782, 0.2964,
0.4130


 82.5694, 0.3018,
0.3882

 20.8870, 0.2933,
0.4266


 107.4870, 0.3029,
0.3828

 13.0414, 0.2887,
0.4454


 136.9723, 0.3038,
0.3784

 7.4571, 0.2816,
0.4729

171.4094, 0.3045,
0.3746

 3.7496, 0.2692,
0.5165

211.1830, 0.3052,
0.3714

 1.5345, 0.2532,
0.6389

256.6774, 0.3057,

 0.3128, 0.0000,

0.3686

1.0000

308.2769, 0.3062,
0.3661

0.0000, 0.0000,
0.0000

44.8994, 0.2987,
0.4027

44.8994, 0.2987,
0.4027

43.0874, 0.2950,
0.4302

47.0624, 0.3028,
0.3773

41.6023, 0.2920,
0.4591

49.5878, 0.3072,
0.3544

40.4259, 0.2900,
0.4885


52.4933, 0.3116,
0.3340


39.5356, 0.2892,
0.5167


55.7941, 0.3158,
0.3161


38.9059, 0.2898,
0.5424

59.5042, 0.3200,
0.3005

 38.5064, 0.2917,
0.5638

 63.6370, 0.3239,
0.2869

 38.3200, 0.2935,
0.5764

 66.2468, 0.3199,
0.2737

 66.6258, 0.3156,
0.2683

Harmonies

Analogous

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



44.8994, 0.3483, 0.4203



44.8994, 0.2987, 0.4027



44.8994, 0.2551, 0.3594

Triad

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



44.8994, 0.2987, 0.4027



44.8994, 0.2374, 0.2512



44.8994, 0.4053, 0.3373

Complementary

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



44.8994, 0.2987, 0.4027



30.5456, 0.3309, 0.2652

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.



44.8994, 0.3707, 0.2989



44.8994, 0.2987, 0.4027



44.8994, 0.2722, 0.2512

Square

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



44.8994, 0.2987, 0.4027



44.8994, 0.2220, 0.2707



44.8994, 0.3208, 0.2684



44.8994, 0.4121, 0.3766

Rectangle

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



44.8994, 0.2987, 0.4027



44.8994, 0.2348, 0.3254



44.8994, 0.3208, 0.2684



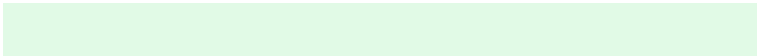
44.8994, 0.3964, 0.3240

Sweetspot

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



44.9013, 0.2987, 0.4027



90.0420, 0.3083, 0.3490



49.3817, 0.3493, 0.4129



19.1656, 0.3077, 0.3520



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.



44.9013, 0.2987, 0.4027



78.0882, 0.2961, 0.4216



45.9888, 0.2779, 0.3548



11.2947, 0.3086, 0.3474



25.4935, 0.2929, 0.5745



1.1122, 0.2807, 0.5306

Inverse Universe

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



30.5456, 0.3309, 0.2652



48.5175, 0.3358, 0.2517



29.4244, 0.3659, 0.3050



10.2079, 0.3171, 0.3113



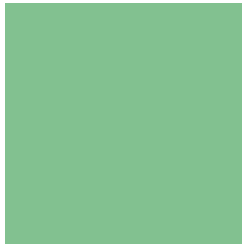
9.0185, 0.3859, 0.1899



0.3994, 0.3687, 0.1804

Previews

White Background



This preview shows how the Yxy color 44.8994, 0.2987, 0.4027 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 44.8994, 0.2987, 0.4027 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 44.8994, 0.2987, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 44.8994, 0.2987, 0.4027.

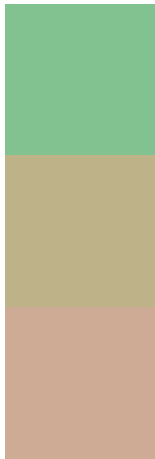


This preview shows how white text looks on a background with the Yxy color 44.8994, 0.2987, 0.4027.

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

44.8994, 0.2987, 0.4027

Protanopia

44.5941, 0.3582, 0.3833

Deuteranopia

44.2749, 0.3641, 0.3569



Tritanopia

44.9507, 0.2684, 0.3096

Trichromacy



Original Color

44.8994, 0.2987, 0.4027

Protanomaly

44.0853, 0.3340, 0.3893

Deuteranomaly

43.8118, 0.3382, 0.3728

Tritanomaly

45.0088, 0.2791, 0.3418

Monochromacy



Original Color

44.8994, 0.2987, 0.4027

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.3474, 0.3072, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8994, 0.2987, 0.4027 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(130, 193, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 193, 144)  
}
```

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(130, 193, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 193, 144) }
```

Border

The CSS property to change the border of an element to Yxy 44.8994, 0.2987, 0.4027 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(130, 193, 144) }
```

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

```
.border{ border-color:rgb(130, 193, 144) }
```

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

Here you see how a box with a 4 pixel rgb(130, 193, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 193, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 193, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 193,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8994, 0.2987, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 193, 144) }
```

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

```
.background{ background-color: rgb(130,  
193, 144) }
```

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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