

Converting Colors

$Yxy(46.6082, 0.3022, 0.3974)$

Have a look what the booklet for
Yxy(46.6082, 0.3022, 0.3974)
contains.

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Color

Yxy(46.6573, 0.3027, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	8BC394
RGB	139, 195, 148
RGB Percent	55%, 76%, 58%
CMY	0.4548, 0.2353, 0.4196
CMYK	0.29, 0.00, 0.24, 0.24
HSL	130°, 32%, 65%
HSV	130°, 29%, 76%
XYZ	35.5121, 46.6573, 35.1484
YIQ	172.8980, -18.2890, -26.4890

Conversions

Conversions Part 2

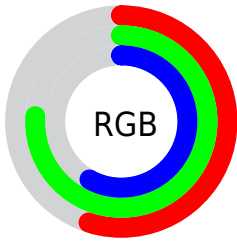
Format	Color
RYB	139, 187, 195
Decimal	9159572
CIELab	73.97, -27.68, 17.92
CIELCh	74, 32.976, 147.076
Yxy	46.6573, 0.3027, 0.3977
Android (android.graphics.Color)	4287349652 (0xFF8BC394)
YUV	172.8980, -12.2747, -29.7285
Hunter-Lab	68.3061, -26.7343, 17.3053

Details

The Yxy color **46.6573, 0.3027, 0.3977** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6251, 0.3247, 0.2689**, and the grayscale version is **41.8097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3544, 0.3052, 0.3847**, and **21.9391, 0.2987, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **44.6446, 0.2995, 0.4267**, and if you desaturate by 10%, it is **49.0467, 0.3062, 0.3712**.

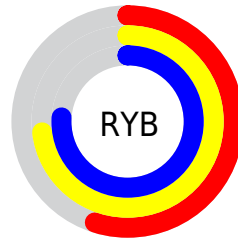
Distribution



Red (55%)

Green (76%)

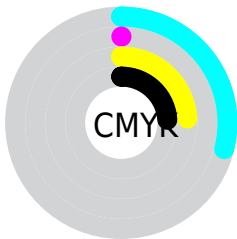
Blue (58%)



Red (55%)

Yellow (73%)

Blue (76%)

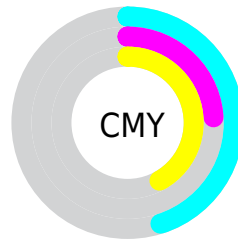


Cyan (29%)

Magenta (0%)

Yellow (24%)

Black (24%)



Cyan (45%)


Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6573, 0.3027, 0.3977 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 46.6573, 0.3027, 0.3977 by changing the saturation by 10% instead.


 46.6573, 0.3027,
0.3977

 46.6573, 0.3027,
0.3977


373.4449, 0.3085,
0.3619

 32.7648, 0.3010,
0.4071

 85.2019, 0.3050,
0.3843

 21.9463, 0.2987,
0.4194


 110.6227, 0.3058,
0.3794

 13.8175, 0.2953,
0.4364


 140.6552, 0.3064,
0.3753

 7.9938, 0.2899,
0.4608

175.6836, 0.3070,
0.3718

 4.0910, 0.2806,
0.4992

216.0924, 0.3074,
0.3688

 1.7246, 0.2693,
0.5847

262.2659, 0.3078,

 0.4395, 0.0000,

0.3662

1.0000

314.5887, 0.3082,
0.3639

■ 0.0000, 0.0000,
0.0000

■ 46.6573, 0.3027,
0.3977

■ 46.6573, 0.3027,
0.3977

■ 44.6446, 0.2995,
0.4267

■ 49.0467, 0.3062,
0.3712

■ 42.9839, 0.2967,
0.4573

■ 51.8245, 0.3097,
0.3474

■ 41.6562, 0.2946,
0.4886

■ 55.0093, 0.3132,
0.3264


■ 40.6389, 0.2934,
0.5188


■ 58.6165, 0.3165,
0.3081

■ 39.9061, 0.2933,
0.5460


■ 62.6609, 0.3196,
0.2922

 39.4279, 0.2943,
0.5684

 66.9592, 0.3218,
0.2783

 39.1571, 0.2961,
0.5848

 67.5090, 0.3155,
0.2703

 39.1290, 0.2963,
0.5865

Harmonies

Analogous

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



46.6573, 0.3482, 0.4125



46.6573, 0.3027, 0.3977



46.6573, 0.2618, 0.3594

Triad

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



46.6573, 0.3027, 0.3977



46.6573, 0.2419, 0.2579



46.6573, 0.3963, 0.3350

Complementary

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



46.6573, 0.3027, 0.3977



33.6251, 0.3247, 0.2689

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.



46.6573, 0.3636, 0.2995



46.6573, 0.3027, 0.3977



46.6573, 0.2733, 0.2566

Square

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



46.6573, 0.3027, 0.3977



46.6573, 0.2287, 0.2773



46.6573, 0.3176, 0.2717



46.6573, 0.4043, 0.3714

Rectangle

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



46.6573, 0.3027, 0.3977



46.6573, 0.2422, 0.3287



46.6573, 0.3176, 0.2717



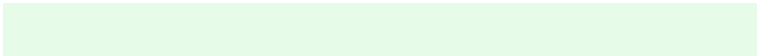
46.6573, 0.3877, 0.3227

Sweetspot

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



46.6593, 0.3027, 0.3977



92.5862, 0.3095, 0.3484



51.4091, 0.3482, 0.4016



20.1050, 0.3090, 0.3518



0.0000, 0.0000, 0.0000



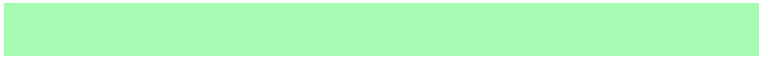
21.4041, 0.3127, 0.3290

Same Dimension

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



46.6593, 0.3027, 0.3977



81.3874, 0.3008, 0.4143



47.6326, 0.2842, 0.3567



11.2845, 0.3095, 0.3489



25.4409, 0.2958, 0.5848



1.1077, 0.2856, 0.5482

Inverse Universe

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



33.6251, 0.3247, 0.2689



54.4918, 0.3277, 0.2566



32.5683, 0.3534, 0.3031



10.2189, 0.3161, 0.3099



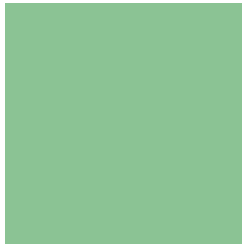
9.2882, 0.3655, 0.1787



0.4089, 0.3540, 0.1724

Previews

White Background



This preview shows how the Yxy color 46.6573, 0.3027, 0.3977 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 46.6573, 0.3027, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

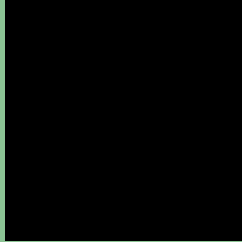
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6573, 0.3027, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 46.6573, 0.3027, 0.3977.

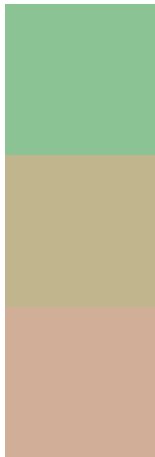


This preview shows how white text looks on a background with the Yxy color 46.6573, 0.3027, 0.3977.

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

46.6573, 0.3027, 0.3977

Protanopia

46.3083, 0.3566, 0.3812

Deuteranopia

46.0944, 0.3642, 0.3565



Tritanopia

46.6678, 0.2723, 0.3087

Trichromacy



Original Color

46.6573, 0.3027, 0.3977

Protanomaly

46.0157, 0.3346, 0.3867

Deuteranomaly

45.8806, 0.3397, 0.3704

Tritanomaly

46.7002, 0.2830, 0.3401

Monochromacy



Original Color

46.6573, 0.3027, 0.3977

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.3052, 0.3090, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6573, 0.3027, 0.3977 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(139, 195, 148)` looks like.

```
.text, #text, p{  
    color:rgb(139, 195, 148)  
}
```

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(139, 195, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 195, 148) }
```

Border

The CSS property to change the border of an element to Yxy 46.6573, 0.3027, 0.3977 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(139, 195, 148) }
```

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

```
.border{ border-color:rgb(139, 195, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 195, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 195, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 195, 148);  
box-shadow:4px 4px 4px 4px rgb(139, 195,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6573, 0.3027, 0.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 195, 148) }
```

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

```
.background{ background-color: rgb(139,  
195, 148) }
```

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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