

Converting Colors

$Y_{xy}(46.1451, 0.3094, 0.3720)$

Have a look what the booklet for
Yxy(46.1451, 0.3094, 0.3720)
contains.

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Color

Yxy(46.0665, 0.3091, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	9DBD9F
RGB	157, 189, 159
RGB Percent	62%, 74%, 62%
CMY	0.3843, 0.2588, 0.3764
CMYK	0.17, 0.00, 0.16, 0.26
HSL	124°, 20%, 68%
HSV	124°, 17%, 74%
XYZ	38.3598, 46.0665, 39.6753
YIQ	176.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

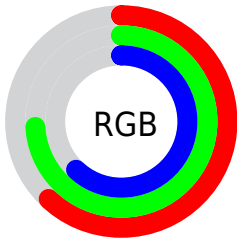
Format	Color
RYB	157, 187, 189
Decimal	10337695
CIELab	73.59, -16.66, 11.61
CIELCh	74, 20.305, 145.118
Yxy	46.0665, 0.3091, 0.3712
Android (android.graphics.Color)	4288527775 (0xFF9DBD9F)
YUV	176.0120, -8.3869, -16.6735
Hunter-Lab	67.8723, -17.8926, 12.8522

Details

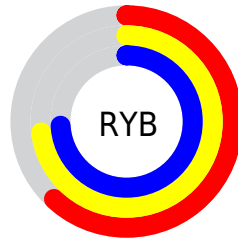
The Yxy color $46.0665, 0.3091, 0.3712$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $38.5185, 0.3165, 0.2901$, and the grayscale version is $43.4715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1569, 0.3099, 0.3625$, and $21.6943, 0.3069, 0.3840$ is the 20% darker color. If you saturate the color by 10%, you get $43.7407, 0.3068, 0.4003$, and if you desaturate by 10%, it is $48.7784, 0.3113, 0.3452$.

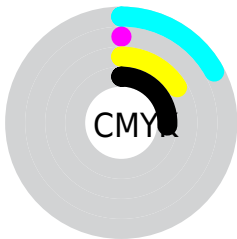
Distribution



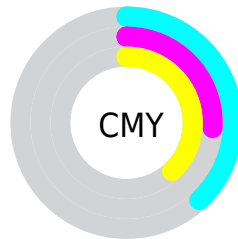
- Red (62%)
- Green (74%)
- Blue (62%)



- Red (62%)
- Yellow (73%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0665, 0.3091, 0.3712 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 46.0665, 0.3091, 0.3712 by changing the saturation by 10% instead.


 46.0665, 0.3091,
0.3712


 46.0665, 0.3091,
0.3712


371.0759, 0.3112,
0.3495

 32.2983, 0.3085,
0.3768


 84.3185, 0.3099,
0.3632

 21.5894, 0.3076,
0.3842


 109.5711, 0.3102,
0.3602

 13.5555, 0.3064,
0.3942


139.4206, 0.3105,
0.3577

 7.8122, 0.3044,
0.4085

174.2515, 0.3107,
0.3556

 3.9750, 0.3010,
0.4309

214.4480, 0.3108,
0.3537

 1.6596, 0.2943,
0.4712

260.3947, 0.3110,

 0.3973, 0.0000,

0.3521

1.0000

312.4759, 0.3111,
0.3507

0.0000, 0.0000,
0.0000

46.0665, 0.3091,
0.3712

46.0665, 0.3091,
0.3712

43.7407, 0.3068,
0.4003

48.7784, 0.3113,
0.3452

41.7780, 0.3046,
0.4322

51.8865, 0.3133,
0.3223

40.1616, 0.3025,
0.4658

55.4082, 0.3152,
0.3025

38.8716, 0.3007,
0.4996

59.3577, 0.3169,
0.2853

37.8856, 0.2993,
0.5315

63.7487, 0.3185,
0.2706

■ 37.1787, 0.2986,
0.5590

■ 64.8774, 0.3157,
0.2644

■ 36.7218, 0.2985,
0.5801

■ 36.4763, 0.2989,
0.5934

■ 36.4238, 0.2989,
0.5961

Harmonies

Analogous

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



46.0665, 0.3374, 0.3798



46.0665, 0.3091, 0.3712



46.0665, 0.2826, 0.3495

Triad

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



46.0665, 0.3091, 0.3712



46.0665, 0.2669, 0.2847



46.0665, 0.3631, 0.3323

Complementary

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



46.0665, 0.3091, 0.3712



38.5185, 0.3165, 0.2901

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.



46.0665, 0.3426, 0.3093



46.0665, 0.3091, 0.3712



46.0665, 0.2868, 0.2824

Square

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



46.0665, 0.3091, 0.3712



46.0665, 0.2591, 0.2987



46.0665, 0.3143, 0.2914



46.0665, 0.3694, 0.3556

Rectangle

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



46.0665, 0.3091, 0.3712



46.0665, 0.2694, 0.3314



46.0665, 0.3143, 0.2914



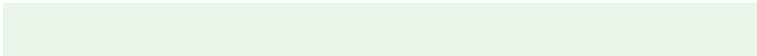
46.0665, 0.3576, 0.3243

Sweetspot

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



46.0685, 0.3091, 0.3712



88.3357, 0.3117, 0.3407



49.4474, 0.3364, 0.3707



18.9159, 0.3115, 0.3424



95.5105, 0.3127, 0.3290



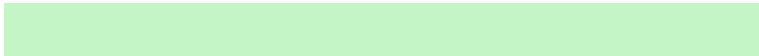
19.5994, 0.3127, 0.3290

Same Dimension

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



46.0685, 0.3091, 0.3712



81.0183, 0.3083, 0.3807



46.6443, 0.2977, 0.3489



10.6591, 0.3108, 0.3512



24.5097, 0.2987, 0.5952



0.9634, 0.2937, 0.5772

Inverse Universe

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



38.5185, 0.3165, 0.2901



65.1779, 0.3173, 0.2822



37.8867, 0.3308, 0.3100



9.6856, 0.3147, 0.3078



9.4216, 0.3372, 0.1631



0.3722, 0.3329, 0.1608

Previews

White Background



This preview shows how the Yxy color 46.0665, 0.3091, 0.3712 looks on a white background.

Color Contrast Check

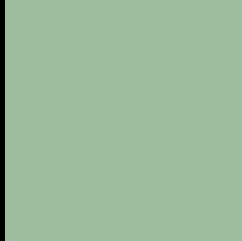
Large Text (above 18pt) WCAG AA × Fail

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 46.0665, 0.3091, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

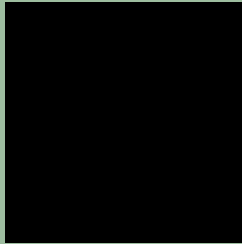
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

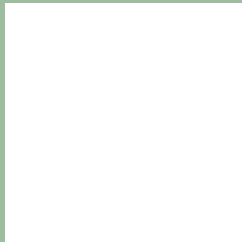
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0665, 0.3091, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 46.0665, 0.3091, 0.3712.



This preview shows how white text looks on a background with the Yxy color 46.0665, 0.3091, 0.3712.

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

46.0665, 0.3091, 0.3712

Protanopia

45.9228, 0.3431, 0.3631

Deuteranopia

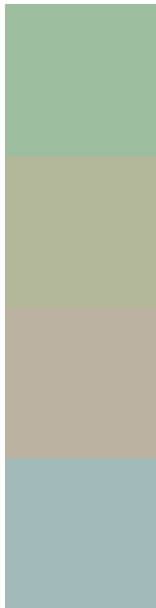
45.7181, 0.3505, 0.3442



Tritanopia

46.2507, 0.2862, 0.3104

Trichromacy



Original Color

46.0665, 0.3091, 0.3712

Protanomaly

45.7323, 0.3300, 0.3655

Deuteranomaly

45.3782, 0.3346, 0.3528

Tritanomaly

46.1556, 0.2940, 0.3317

Monochromacy



Original Color

46.0665, 0.3091, 0.3712

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.3850, 0.3112, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0665, 0.3091, 0.3712 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(157, 189, 159)` looks like.

```
.text, #text, p{  
    color:rgb(157, 189, 159)  
}
```

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(157, 189, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 189, 159) }
```

Border

The CSS property to change the border of an element to Yxy 46.0665, 0.3091, 0.3712 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(157, 189, 159) }
```

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

```
.border{ border-color:rgb(157, 189, 159) }
```

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

Here you see how a box with a 4 pixel rgb(157, 189, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(157, 189,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0665, 0.3091, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 189, 159) }
```

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

```
.background{ background-color: rgb(157,  
189, 159) }
```

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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