

Converting Colors

$Yxy(60.1652, 0.2899, 0.3894)$

Have a look what the booklet for
Yxy(60.1652, 0.2899, 0.3894)
contains.

Yxy(60.1717, 0.2901, 0.3902)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.1717, 0.2901, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	90DCAE
RGB	144, 220, 174
RGB Percent	56%, 86%, 68%
CMY	0.4353, 0.1372, 0.3176
CMYK	0.35, 0.00, 0.21, 0.14
HSL	144°, 52%, 71%
HSV	144°, 35%, 86%
XYZ	44.7355, 60.1717, 49.3001
YIQ	192.0320, -30.5300, -30.4180

Conversions

Conversions Part 2

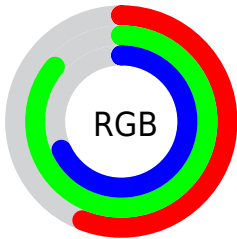
Format	Color
RYB	144, 198, 220
Decimal	9493678
CIELab	81.93, -33.19, 15.27
CIELCh	82, 36.530, 155.290
Yxy	60.1717, 0.2901, 0.3902
Android (android.graphics.Color)	4287683758 (0xFF90DCAE)
YUV	192.0320, -8.8898, -42.1241
Hunter-Lab	77.5704, -32.8057, 16.6174

Details

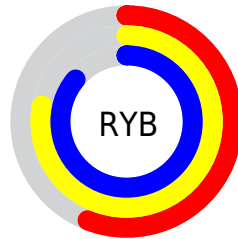
The Yxy color **60.1717, 0.2901, 0.3902** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8835, 0.3452, 0.2751**, and the grayscale version is **52.8003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5125, 0.2935, 0.3557**, and **30.4644, 0.2837, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **57.8883, 0.2848, 0.4119**, and if you desaturate by 10%, it is **62.8976, 0.2962, 0.3702**.

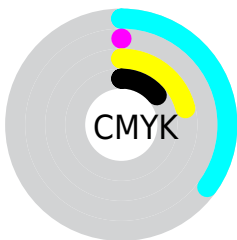
Distribution



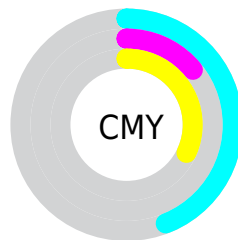
- Red (56%)
- Green (86%)
- Blue (68%)



- Red (56%)
- Yellow (78%)
- Blue (86%)



- Cyan (35%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)





- Cyan (44%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1717, 0.2901, 0.3902 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 60.1717, 0.2901, 0.3902 by changing the saturation by 10% instead.


 60.1717, 0.2901,
0.3902


 60.1717, 0.2901,
0.3902


425.2304, 0.3015,
0.3597

 43.5570, 0.2872,
0.3978


 105.0787, 0.2943,
0.3791

 30.3224, 0.2835,
0.4075


 134.1398, 0.2958,
0.3750

 20.0834, 0.2785,
0.4204


168.1186, 0.2972,
0.3714

 12.4557, 0.2716,
0.4383

207.3993, 0.2983,
0.3684

 7.0548, 0.2612,
0.4647

252.3665, 0.2993,
0.3658

 3.4964, 0.2441,
0.5072

303.4045, 0.3001,

 1.3961, 0.2013,

0.3635

360.8976, 0.3009,
0.3615

0.6311

0.2138, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.1717, 0.2901,
0.3902

60.1717, 0.2901,
0.3902

57.8883, 0.2848,
0.4119

62.8976, 0.2962,
0.3702

56.0160, 0.2806,
0.4348

66.0806, 0.3028,
0.3520

54.5307, 0.2778,
0.4585

69.7438, 0.3096,
0.3358

53.4029, 0.2768,
0.4822

73.9066, 0.3165,
0.3214

■ 52.5985, 0.2777,
0.5049

■ 78.5872, 0.3232,
0.3087

■ 52.0762, 0.2804,
0.5258

■ 79.5979, 0.3150,
0.2960

■ 51.8734, 0.2823,
0.5363

■ 79.6681, 0.3143,
0.2950

Harmonies

Analogous

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



60.1717, 0.3364, 0.4127



60.1717, 0.2901, 0.3902



60.1717, 0.2518, 0.3471

Triad

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



60.1717, 0.2901, 0.3902



60.1717, 0.2478, 0.2546



60.1717, 0.4028, 0.3453

Complementary

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



60.1717, 0.2901, 0.3902



38.8835, 0.3452, 0.2751

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.



60.1717, 0.3756, 0.3084



60.1717, 0.2901, 0.3902



60.1717, 0.2840, 0.2581

Square

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



60.1717, 0.2901, 0.3902



60.1717, 0.2290, 0.2691



60.1717, 0.3309, 0.2774



60.1717, 0.4033, 0.3814

Rectangle

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



60.1717, 0.2901, 0.3902



60.1717, 0.2353, 0.3161



60.1717, 0.3309, 0.2774



60.1717, 0.3964, 0.3327

Sweetspot

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



60.1742, 0.2901, 0.3902



94.5258, 0.3058, 0.3446



64.2618, 0.3418, 0.4217



20.0798, 0.3048, 0.3469



0.0000, 0.0000, 0.0000



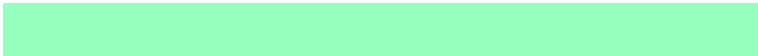
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1742, 0.2901, 0.3902



81.8398, 0.2864, 0.4048



61.8282, 0.2689, 0.3401



14.6909, 0.3063, 0.3435



30.4634, 0.2815, 0.5334



1.9902, 0.2723, 0.5003

Inverse Universe

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



38.8835, 0.3452, 0.2751



48.0583, 0.3540, 0.2645



37.4610, 0.3845, 0.3185



13.1833, 0.3198, 0.3149



9.9491, 0.4511, 0.2259



0.6613, 0.4242, 0.2111

Previews

White Background



This preview shows how the Yxy color 60.1717, 0.2901, 0.3902 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 60.1717, 0.2901, 0.3902 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 60.1717, 0.2901, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 60.1717, 0.2901, 0.3902.

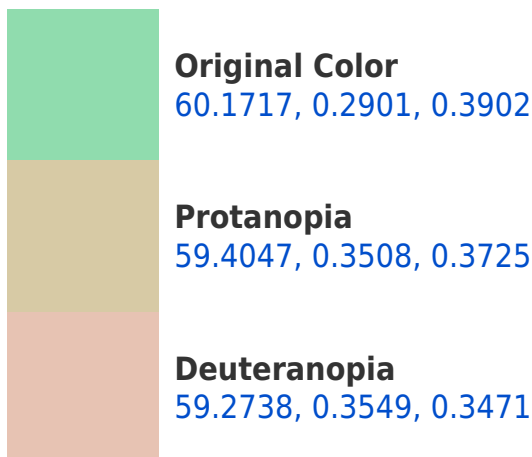


This preview shows how white text looks on a background with the Yxy color 60.1717, 0.2901, 0.3902.

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





Tritanopia

59.8681, 0.2641, 0.3068

Trichromacy



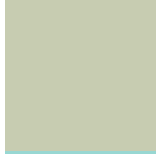
Original Color

60.1717, 0.2901, 0.3902



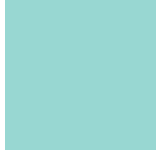
Protanomaly

59.2469, 0.3262, 0.3800



Deuteranomaly

58.5022, 0.3283, 0.3619



Tritanomaly

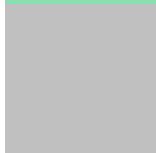
59.9294, 0.2734, 0.3352

Monochromacy



Original Color

60.1717, 0.2901, 0.3902



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.8578, 0.3041, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1717, 0.2901, 0.3902 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(144, 220, 174)` looks like.

```
.text, #text, p{  
    color:rgb(144, 220, 174)  
}
```

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(144, 220, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 220, 174) }
```

Border

The CSS property to change the border of an element to Yxy 60.1717, 0.2901, 0.3902 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(144, 220, 174) }
```

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

```
.border{ border-color:rgb(144, 220, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 220, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 220, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 220, 174);  
box-shadow:4px 4px 4px 4px rgb(144, 220,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1717, 0.2901, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 220, 174) }
```

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

```
.background{ background-color: rgb(144,  
220, 174) }
```

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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