

Converting Colors

Yxy(62.3819, 0.2864, 0.4248)

Have a look what the booklet for
Yxy(62.3819, 0.2864, 0.4248)
contains.

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Color

Yxy(62.6068, 0.2860, 0.4246)

Conversions

Conversions Part 1

Format	Color
Hex	79E59F
RGB	121, 229, 159
RGB Percent	47%, 90%, 62%
CMY	0.5252, 0.1020, 0.3764
CMYK	0.47, 0.00, 0.31, 0.10
HSL	141°, 67%, 69%
HSV	141°, 47%, 90%
XYZ	42.1704, 62.6068, 42.6717
YIQ	188.7280, -41.8980, -44.6660

Conversions

Conversions Part 2

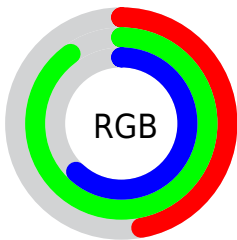
Format	Color
RYB	121, 201, 229
Decimal	7988639
CIELab	83.24, -46.39, 24.73
CIElCh	83, 52.568, 151.931
Yxy	62.6068, 0.2860, 0.4246
Android (android.graphics.Color)	4286178719 (0xFF79E59F)
YUV	188.7280, -14.6559, -59.3975
Hunter-Lab	79.1245, -43.3340, 23.4121

Details

The Yxy color **62.6068, 0.2860, 0.4246** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.1108, 0.3571, 0.2508**, and the grayscale version is **50.8393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8400, 0.2896, 0.3752**, and **31.9728, 0.2774, 0.4528** is the 20% darker color. If you saturate the color by 10%, you get **60.6607, 0.2825, 0.4495**, and if you desaturate by 10%, it is **65.0127, 0.2906, 0.4008**.

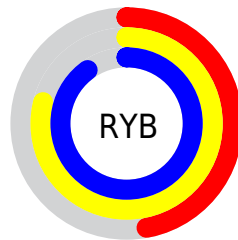
Distribution



Red (47%)

Green (90%)

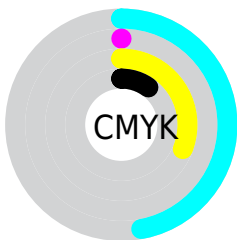
Blue (62%)



Red (47%)

Yellow (79%)

Blue (90%)

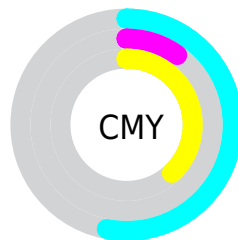


Cyan (47%)

Magenta (0%)

Yellow (31%)

Black (10%)



Cyan (53%)


Magenta (10%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6068, 0.2860, 0.4246 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 62.6068, 0.2860, 0.4246 by changing the saturation by 10% instead.


 62.6068, 0.2860,
0.4246

 62.6068, 0.2860,
0.4246


434.1411, 0.3001,
0.3764


 45.5232, 0.2823,
0.4367


 108.6020, 0.2913,
0.4070

 31.8697, 0.2774,
0.4522


 138.2825, 0.2932,
0.4004

 21.2620, 0.2707,
0.4728


 172.9306, 0.2948,
0.3949

 13.3157, 0.2611,
0.5013

212.9309, 0.2962,
0.3901

 7.6463, 0.2464,
0.5432

258.6677, 0.2974,
0.3860

 3.8694, 0.2213,
0.6093

310.5254, 0.2984,

 1.6008, 0.1399,

0.3824

0.8601

368.8884, 0.2993,
0.3792

0.3581, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6068, 0.2860,
0.4246

62.6068, 0.2860,
0.4246

60.6607, 0.2825,
0.4495

65.0127, 0.2906,
0.4008

59.1362, 0.2805,
0.4749


67.8981, 0.2961,
0.3788

58.0016, 0.2802,
0.4997


71.2910, 0.3020,
0.3586


57.2170, 0.2817,
0.5229


75.2147, 0.3083,
0.3406

 56.7308, 0.2848,
0.5434

 79.6914, 0.3145,
0.3246

 56.6229, 0.2858,
0.5488

 84.0792, 0.3183,
0.3104

 84.5158, 0.3139,
0.3039

Harmonies

Analogous

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



62.6068, 0.3505, 0.4511



62.6068, 0.2860, 0.4246



62.6068, 0.2320, 0.3617

Triad

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



62.6068, 0.2860, 0.4246



62.6068, 0.2190, 0.2276



62.6068, 0.4384, 0.3425

Complementary

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



62.6068, 0.2860, 0.4246



34.1108, 0.3571, 0.2508

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.



62.6068, 0.3956, 0.2940



62.6068, 0.2860, 0.4246



62.6068, 0.2651, 0.2309

Square

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



62.6068, 0.2860, 0.4246



62.6068, 0.1972, 0.2481



62.6068, 0.3296, 0.2546



62.6068, 0.4418, 0.3927

Rectangle

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



62.6068, 0.2860, 0.4246



62.6068, 0.2086, 0.3155



62.6068, 0.3296, 0.2546



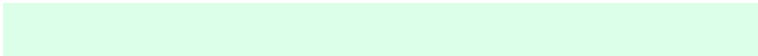
62.6068, 0.4281, 0.3258

Sweetspot

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



62.6094, 0.2860, 0.4246



92.4446, 0.3039, 0.3529



68.5227, 0.3532, 0.4566



19.5640, 0.3026, 0.3570



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.



62.6094, 0.2860, 0.4246



77.3776, 0.2824, 0.4501



64.8996, 0.2580, 0.3496



16.1725, 0.3068, 0.3446



32.3965, 0.2850, 0.5460



2.4111, 0.2767, 0.5163

Inverse Universe

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



34.1108, 0.3571, 0.2508



36.6905, 0.3709, 0.2360



32.1610, 0.4221, 0.3107



14.5246, 0.3191, 0.3139



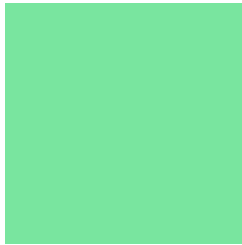
10.7788, 0.4342, 0.2166



0.8140, 0.4134, 0.2051

Previews

White Background



This preview shows how the Yxy color 62.6068, 0.2860, 0.4246 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 62.6068, 0.2860, 0.4246 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 62.6068, 0.2860, 0.4246

Background



This preview shows how black text looks on a background with the Yxy color 62.6068, 0.2860, 0.4246.

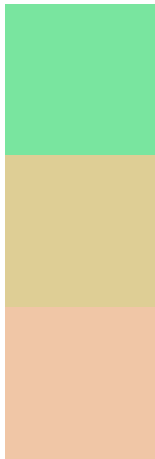


This preview shows how white text looks on a background with the Yxy color 62.6068, 0.2860, 0.4246.

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

62.6068, 0.2860, 0.4246

Protanopia

61.8421, 0.3675, 0.3944

Deuteranopia

61.6666, 0.3721, 0.3642



Tritanopia

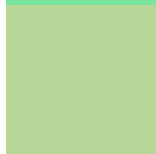
62.3529, 0.2531, 0.3068

Trichromacy



Original Color

62.6068, 0.2860, 0.4246



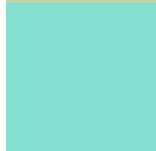
Protanomaly

60.7073, 0.3326, 0.4054



Deuteranomaly

60.1156, 0.3360, 0.3853



Tritanomaly

62.3653, 0.2646, 0.3469

Monochromacy



Original Color

62.6068, 0.2860, 0.4246



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

54.2926, 0.3007, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6068, 0.2860, 0.4246 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(121, 229, 159)` looks like.

```
.text, #text, p{  
    color:rgb(121, 229, 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(121, 229, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 229, 159) }
```

Border

The CSS property to change the border of an element to Yxy 62.6068, 0.2860, 0.4246 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(121, 229, 159) }
```

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

```
.border{ border-color:rgb(121, 229, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 229, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 229, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 229, 159); box-shadow:4px 4px 4px 4px rgb(121, 229, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6068, 0.2860, 0.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 229, 159) }
```

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

```
.background{ background-color: rgb(121,  
229, 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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