

Converting Colors

$Y_{xy}(29.3668, 0.2920, 0.3879)$

Have a look what the booklet for
Yxy(29.3668, 0.2920, 0.3879)
contains.

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Color

Yxy(29.3668, 0.2920, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	6A9F7E
RGB	106, 159, 126
RGB Percent	42%, 62%, 49%
CMY	0.5843, 0.3764, 0.5060
CMYK	0.33, 0.00, 0.21, 0.38
HSL	143°, 22%, 52%
HSV	143°, 33%, 62%
XYZ	22.1065, 29.3668, 24.2339
YIQ	139.3910, -20.9950, -21.4990

Conversions

Conversions Part 2

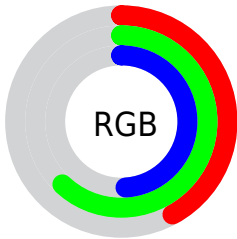
Format	Color
R_{YB}	106, 144, 159
Decimal	6987646
CIE _{Lab}	61.10, -24.86, 11.73
CIE _{LCh}	61, 27.486, 154.729
Yxy	29.3668, 0.2920, 0.3879
Android (android.graphics.Color)	4285177726 (0xFF6A9F7E)
YUV	139.3910, -6.6018, -29.2839
Hunter-Lab	54.1911, -22.0180, 11.4198

Details

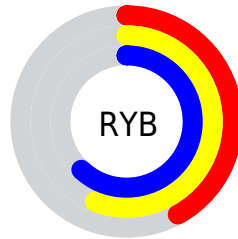
The Yxy color $29.3668, 0.2920, 0.3879$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.5443, 0.3416, 0.2768$, and the grayscale version is $26.0092, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.7187, 0.2966, 0.3746$, and $11.8920, 0.2837, 0.4100$ is the 20% darker color. If you saturate the color by 10%, you get $28.2393, 0.2868, 0.4094$, and if you desaturate by 10%, it is $30.7027, 0.2979, 0.3681$.

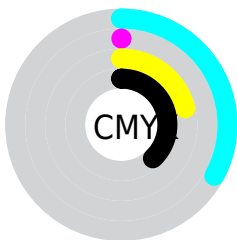
Distribution



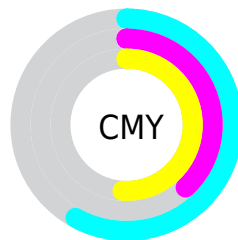
- Red (42%)
- Green (62%)
- Blue (49%)



- Red (42%)
- Yellow (56%)
- Blue (62%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)




- Cyan (58%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3668, 0.2920, 0.3879 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 29.3668, 0.2920, 0.3879 by changing the saturation by 10% instead.


 29.3668, 0.2920,
0.3879


 29.3668, 0.2920,
0.3879


298.9417, 0.3037,
0.3550

 19.3585, 0.2885,
0.3975


 58.6594, 0.2966,
0.3750


 11.9296, 0.2837,
0.4107


 78.7124, 0.2983,
0.3705

 6.6957, 0.2764,
0.4303


 102.8824, 0.2996,
0.3667

 3.2726, 0.2644,
0.4618

 131.5539, 0.3007,
0.3636

 1.2756, 0.2384,
0.5416

165.1111, 0.3016,
0.3610

 0.1222, 0.0000,
1.0000

203.9386, 0.3024,

 0.0000, 0.0000,

0.3587

0.0000

248.4207, 0.3031,
0.3568

■ 29.3668, 0.2920,
0.3879

■ 29.3668, 0.2920,
0.3879

■ 28.2393, 0.2868,
0.4094

■ 30.7027, 0.2979,
0.3681

■ 27.3058, 0.2826,
0.4323

■ 32.2532, 0.3041,
0.3501

■ 26.5558, 0.2796,
0.4560

■ 34.0290, 0.3106,
0.3340


■ 25.9763, 0.2783,
0.4798

■ 36.0386, 0.3170,
0.3197


■ 25.5523, 0.2786,
0.5029


■ 38.2904, 0.3233,
0.3071

 25.2662, 0.2807,
0.5242

 40.7921, 0.3294,
0.2960

 25.1236, 0.2826,
0.5373

 43.5514, 0.3353,
0.2864

 46.5753, 0.3408,
0.2779

 49.8707, 0.3461,
0.2706

Harmonies

Analogous

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



29.3668, 0.3363, 0.4090



29.3668, 0.2920, 0.3879



29.3668, 0.2550, 0.3473

Triad

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



29.3668, 0.2920, 0.3879



29.3668, 0.2500, 0.2577



29.3668, 0.3985, 0.3442

Complementary

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



29.3668, 0.2920, 0.3879



19.5443, 0.3416, 0.2768

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.



29.3668, 0.3721, 0.3087



29.3668, 0.2920, 0.3879



29.3668, 0.2846, 0.2608

Square

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



29.3668, 0.2920, 0.3879



29.3668, 0.2322, 0.2722



29.3668, 0.3293, 0.2791



29.3668, 0.3995, 0.3788

Rectangle

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



29.3668, 0.2920, 0.3879



29.3668, 0.2388, 0.3176



29.3668, 0.3293, 0.2791



29.3668, 0.3923, 0.3321

Sweetspot

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



29.3680, 0.2920, 0.3879



58.7145, 0.3061, 0.3448



31.3768, 0.3412, 0.4158



13.1453, 0.3053, 0.3470



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.3680, 0.2920, 0.3879



51.0567, 0.2881, 0.4037



30.1272, 0.2717, 0.3410



7.4404, 0.3068, 0.3433



19.8496, 0.2821, 0.5357



0.3628, 0.2602, 0.4568

Inverse Universe

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



19.5443, 0.3416, 0.2768



30.7097, 0.3503, 0.2651



18.8731, 0.3777, 0.3177



6.7121, 0.3192, 0.3152



6.5427, 0.4416, 0.2206



0.1250, 0.3830, 0.1883

Previews

White Background



This preview shows how the Yxy color 29.3668, 0.2920, 0.3879 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3668, 0.2920, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

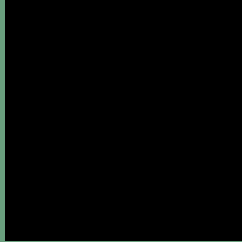
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3668, 0.2920, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 29.3668, 0.2920, 0.3879.



This preview shows how white text looks on a background with the Yxy color 29.3668, 0.2920, 0.3879.

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

29.3668, 0.2920, 0.3879

Protanopia

29.1921, 0.3483, 0.3719

Deuteranopia

28.8769, 0.3532, 0.3458



Tritanopia

29.4418, 0.2665, 0.3091

Trichromacy



Original Color

29.3668, 0.2920, 0.3879

Protanomaly

28.8567, 0.3258, 0.3776

Deuteranomaly

28.7845, 0.3280, 0.3600

Tritanomaly

29.3908, 0.2759, 0.3374

Monochromacy



Original Color

29.3668, 0.2920, 0.3879

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.7910, 0.3045, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3668, 0.2920, 0.3879 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(106, 159, 126)` looks like.

```
.text, #text, p{  
    color:rgb(106, 159, 126)  
}
```

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(106, 159, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 159, 126) }
```

Border

The CSS property to change the border of an element to Yxy 29.3668, 0.2920, 0.3879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

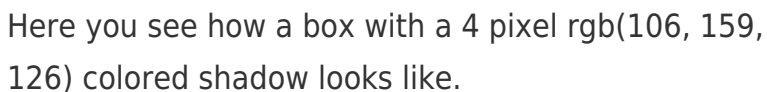
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 159, 126) }
```

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

```
.border{ border-color:rgb(106, 159, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 159, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 159, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 159, 126); box-shadow:4px 4px 4px 4px rgb(106, 159, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3668, 0.2920, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 159, 126) }
```

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

```
.background{ background-color: rgb(106,  
159, 126) }
```

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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