

Converting Colors

$Y_{xy}(29.9000, 0.2926, 0.3596)$

Have a look what the booklet for
Yxy(29.9000, 0.2926, 0.3596)
contains.

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Color

$Y_{xy}(29.9000, 0.2926, 0.3596)$

Conversions

Conversions Part 1

Format	Color
Hex	779D8B
RGB	119, 157, 139
RGB Percent	47%, 62%, 55%
CMY	0.5332, 0.3843, 0.4549
CMYK	0.24, 0.00, 0.11, 0.38
HSL	152°, 16%, 54%
HSV	152°, 24%, 62%
XYZ	24.3291, 29.9000, 28.9189
YIQ	143.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

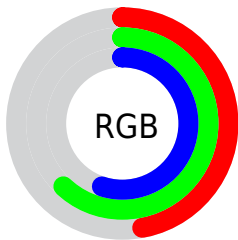
Format	Color
R_{YB}	119, 144, 157
Decimal	7839115
CIE _{Lab}	61.57, -16.88, 5.18
CIE _{LCh}	62, 17.653, 162.942
Yxy	29.9000, 0.2926, 0.3596
Android (android.graphics.Color)	4286029195 (0xFF779D8B)
YUV	143.5860, -2.2609, -21.5619
Hunter-Lab	54.6809, -16.2718, 6.9202

Details

The Yxy color $29.9000, 0.2926, 0.3596$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.1767, 0.3389, 0.3004$, and the grayscale version is $27.7327, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.6634, 0.2972, 0.3541$, and $12.2945, 0.2849, 0.3722$ is the 20% darker color. If you saturate the color by 10%, you get $28.6701, 0.2851, 0.3745$, and if you desaturate by 10%, it is $31.3307, 0.3007, 0.3460$.

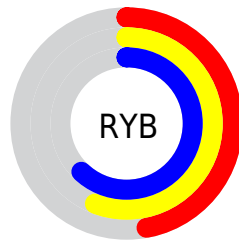
Distribution



Red (47%)

Green (62%)

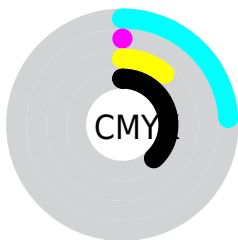
Blue (55%)



Red (47%)

Yellow (56%)

Blue (62%)

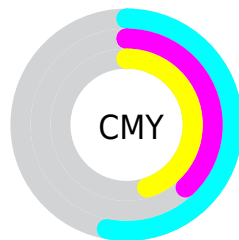


Cyan (24%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (53%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9000, 0.2926, 0.3596 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 29.9000, 0.2926, 0.3596 by changing the saturation by 10% instead.


 29.9000, 0.2926,
0.3596


 29.9000, 0.2926,
0.3596


301.4381, 0.3036,
0.3429


 19.7627, 0.2895,
0.3643


 59.5040, 0.2968,
0.3531

 12.2227, 0.2853,
0.3708


 79.7395, 0.2983,
0.3508

 6.8955, 0.2793,
0.3802


 104.1098, 0.2996,
0.3489

 3.3968, 0.2699,
0.3951

132.9994, 0.3006,
0.3473

 1.3423, 0.2531,
0.4219

166.7926, 0.3015,
0.3459

 0.1736, 0.0000,
1.0000

205.8739, 0.3023,

 0.0000, 0.0000,

0.3448

0.0000

250.6275, 0.3030,
0.3437

■ 29.9000, 0.2926,
0.3596

■ 29.9000, 0.2926,
0.3596

■ 28.6701, 0.2851,
0.3745

■ 31.3307, 0.3007,
0.3460

■ 27.6280, 0.2784,
0.3906

■ 32.9671, 0.3091,
0.3337

■ 26.7649, 0.2730,
0.4078

■ 34.8186, 0.3177,
0.3228

■ 26.0697, 0.2690,
0.4256

■ 36.8930, 0.3262,
0.3130

■ 25.5301, 0.2667,
0.4439

■ 39.1974, 0.3346,
0.3044

■ 25.1320, 0.2664,
0.4621

■ 41.7390, 0.3427,
0.2969

■ 24.8585, 0.2680,
0.4797

■ 44.5244, 0.3505,
0.2903

■ 24.7309, 0.2694,
0.4898

■ 47.5599, 0.3580,
0.2845

■ 49.8263, 0.3603,
0.2786

Harmonies

Analogous

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



29.9000, 0.3208, 0.3768



29.9000, 0.2926, 0.3596



29.9000, 0.2704, 0.3334

Triad

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



29.9000, 0.2926, 0.3596



29.9000, 0.2773, 0.2817



29.9000, 0.3691, 0.3465

Complementary

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



29.9000, 0.2926, 0.3596



22.1767, 0.3389, 0.3004

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.



29.9000, 0.3564, 0.3226



29.9000, 0.2926, 0.3596



29.9000, 0.3026, 0.2863

Square

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



29.9000, 0.2926, 0.3596



29.9000, 0.2620, 0.2888



29.9000, 0.3317, 0.3010



29.9000, 0.3657, 0.3674

Rectangle

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



29.9000, 0.2926, 0.3596



29.9000, 0.2617, 0.3154



29.9000, 0.3317, 0.3010



29.9000, 0.3665, 0.3386

Sweetspot

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



29.9012, 0.2926, 0.3596



58.1388, 0.3066, 0.3372



30.7959, 0.3278, 0.3917



12.7583, 0.3062, 0.3379



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.9012, 0.2926, 0.3596



52.3244, 0.2885, 0.3675



30.2575, 0.2779, 0.3279



7.4564, 0.3048, 0.3398



20.0949, 0.2690, 0.4884



0.3678, 0.2498, 0.4191

Inverse Universe

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



22.1767, 0.3389, 0.3004



36.0514, 0.3464, 0.2936



21.8539, 0.3613, 0.3302



6.6959, 0.3214, 0.3184



6.2350, 0.5025, 0.2542



0.1200, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 29.9000, 0.2926, 0.3596 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 29.9000, 0.2926, 0.3596 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 29.9000, 0.2926, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 29.9000, 0.2926, 0.3596.



This preview shows how white text looks on a background with the Yxy color 29.9000, 0.2926, 0.3596.

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

29.9000, 0.2926, 0.3596

Protanopia

29.7711, 0.3328, 0.3511

Deuteranopia

29.5972, 0.3376, 0.3306



Tritanopia

29.7842, 0.2753, 0.3095

Trichromacy



Original Color

29.9000, 0.2926, 0.3596

Protanomaly

29.5735, 0.3167, 0.3534

Deuteranomaly

29.3988, 0.3195, 0.3402

Tritanomaly

29.6491, 0.2809, 0.3256

Monochromacy



Original Color

29.9000, 0.2926, 0.3596

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5988, 0.3051, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9000, 0.2926, 0.3596 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(119, 157, 139)` looks like.

```
.text, #text, p{  
    color:rgb(119, 157, 139)  
}
```

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(119, 157, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 157, 139) }
```

Border

The CSS property to change the border of an element to Yxy 29.9000, 0.2926, 0.3596 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(119, 157, 139) }
```

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

```
.border{ border-color:rgb(119, 157, 139) }
```

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

Here you see how a box with a 4 pixel rgb(119, 157, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 157, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 157, 139);  
box-shadow:4px 4px 4px 4px rgb(119, 157,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9000, 0.2926, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 157, 139) }
```

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

```
.background{ background-color: rgb(119,  
157, 139) }
```

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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