

Converting Colors

$Yxy(27.1906, 0.2849, 0.3539)$

Have a look what the booklet for
Yxy(27.1906, 0.2849, 0.3539)
contains.

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Color

Yxy(27.1906, 0.2849, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	6D9789
RGB	109, 151, 137
RGB Percent	43%, 59%, 54%
CMY	0.5725, 0.4078, 0.4628
CMYK	0.28, 0.00, 0.09, 0.41
HSL	160°, 17%, 51%
HSV	160°, 28%, 59%
XYZ	21.8892, 27.1906, 27.7515
YIQ	136.8460, -20.5380, -13.2580

Conversions

Conversions Part 2

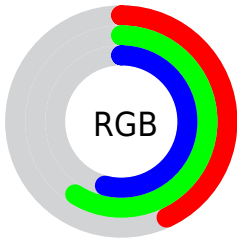
Format	Color
RYB	109, 134, 151
Decimal	7182217
CIELab	59.15, -17.44, 2.76
CIElCh	59, 17.662, 170.997
Yxy	27.1906, 0.2849, 0.3539
Android (android.graphics.Color)	4285372297 (0xFF6D9789)
YUV	136.8460, 0.0759, -24.4209
Hunter-Lab	52.1446, -16.3224, 4.9470

Details

The Yxy color **27.1906, 0.2849, 0.3539** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.9533, 0.3516, 0.3056**, and the grayscale version is **24.9623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0617, 0.2913, 0.3485**, and **10.7631, 0.2753, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **26.1732, 0.2762, 0.3644**, and if you desaturate by 10%, it is **28.3815, 0.2945, 0.3442**.

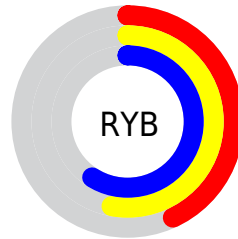
Distribution



Red (43%)

Green (59%)

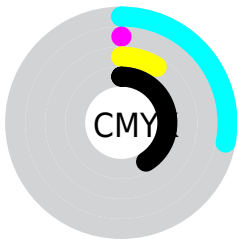
Blue (54%)



Red (43%)

Yellow (53%)

Blue (59%)

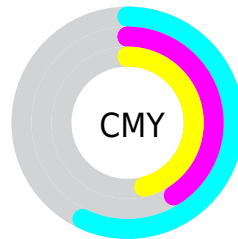


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (41%)



Cyan (57%)

Magenta (41%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1906, 0.2849, 0.3539 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 27.1906, 0.2849, 0.3539 by changing the saturation by 10% instead.

■ 27.1906, 0.2849,
0.3539

■ 27.1906, 0.2849,
0.3539

288.5788, 0.3001,
0.3402

■ 17.7164, 0.2806,
0.3578

■ 55.1896, 0.2908,
0.3486

■ 10.7466, 0.2747,
0.3633

■ 74.4831, 0.2929,
0.3467

■ 5.8967, 0.2662,
0.3712

■ 97.8186, 0.2946,
0.3451

■ 2.7824, 0.2528,
0.3839

■ 125.5805, 0.2961,
0.3438

■ 1.0192, 0.2178,
0.4133

158.1530, 0.2973,
0.3427

■ 0.0000, 0.0000,
0.0000

195.9206, 0.2984,

0.3417

239.2678, 0.2993,
0.3409

■ 27.1906, 0.2849,
0.3539

■ 27.1906, 0.2849,
0.3539

■ 26.1732, 0.2762,
0.3644

■ 28.3815, 0.2945,
0.3442

■ 25.3175, 0.2686,
0.3757

■ 29.7505, 0.3046,
0.3353

■ 24.6154, 0.2624,
0.3876

■ 31.3062, 0.3150,
0.3273

■ 24.0566, 0.2579,
0.3999

■ 33.0554, 0.3256,
0.3201

■ 23.6298, 0.2552,
0.4124

■ 35.0047, 0.3361,
0.3138

■ 23.3215, 0.2544,
0.4250

■ 37.1606, 0.3465,
0.3081

■ 23.1074, 0.2554,
0.4374

■ 39.5290, 0.3566,
0.3032

■ 23.0642, 0.2556,
0.4402

■ 42.1156, 0.3663,
0.2989

■ 44.9260, 0.3756,
0.2951

Harmonies

Analogous

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



27.1906, 0.3130, 0.3750



27.1906, 0.2849, 0.3539



27.1906, 0.2648, 0.3259

Triad

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



27.1906, 0.2849, 0.3539



27.1906, 0.2824, 0.2804



27.1906, 0.3716, 0.3534

Complementary

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



27.1906, 0.2849, 0.3539



18.9533, 0.3516, 0.3056

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.



27.1906, 0.3629, 0.3289



27.1906, 0.2849, 0.3539



27.1906, 0.3102, 0.2882

Square

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



27.1906, 0.2849, 0.3539



27.1906, 0.2634, 0.2843



27.1906, 0.3399, 0.3056



27.1906, 0.3637, 0.3731

Rectangle

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



27.1906, 0.2849, 0.3539



27.1906, 0.2582, 0.3081



27.1906, 0.3399, 0.3056



27.1906, 0.3706, 0.3455

Sweetspot

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



27.1917, 0.2849, 0.3539



53.1845, 0.3042, 0.3356



27.5022, 0.3239, 0.4031



12.0050, 0.3028, 0.3368



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.1917, 0.2849, 0.3539



47.5909, 0.2797, 0.3600



25.6478, 0.2723, 0.3178



6.9914, 0.3031, 0.3365



19.6265, 0.2554, 0.4394



0.3001, 0.2403, 0.3851

Inverse Universe

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



18.9533, 0.3516, 0.3056



30.4714, 0.3629, 0.3004



20.0189, 0.3682, 0.3398



6.2550, 0.3234, 0.3216



5.8013, 0.5582, 0.2849



0.0930, 0.4537, 0.2273

Previews

White Background



This preview shows how the Yxy color 27.1906, 0.2849, 0.3539 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 27.1906, 0.2849, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

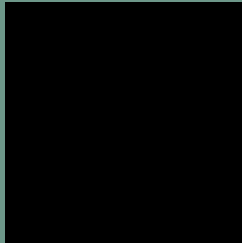
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1906, 0.2849, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 27.1906, 0.2849, 0.3539.

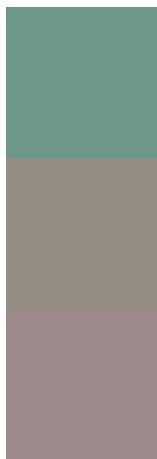


This preview shows how white text looks on a background with the Yxy color 27.1906, 0.2849, 0.3539.

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

27.1906, 0.2849, 0.3539

Protanopia

26.9187, 0.3285, 0.3437

Deuteranopia

26.8527, 0.3308, 0.3243



Tritanopia

27.2953, 0.2700, 0.3086

Trichromacy



Original Color

27.1906, 0.2849, 0.3539

Protanomaly

26.9586, 0.3108, 0.3476

Deuteranomaly

26.6990, 0.3125, 0.3340

Tritanomaly

27.2066, 0.2748, 0.3237

Monochromacy



Original Color

27.1906, 0.2849, 0.3539

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.6642, 0.3018, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1906, 0.2849, 0.3539 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(109, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(109, 151, 137)  
}
```

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(109, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 151, 137) }
```

Border

The CSS property to change the border of an element to Yxy 27.1906, 0.2849, 0.3539 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(109, 151, 137) }
```

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

```
.border{ border-color:rgb(109, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(109, 151,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1906, 0.2849, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 151, 137) }
```

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

```
.background{ background-color: rgb(109,  
151, 137) }
```

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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