

Converting Colors

$Y_{xy}(28.0363, 0.2965, 0.3552)$

Have a look what the booklet for
Yxy(28.0363, 0.2965, 0.3552)
contains.

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Color

Yxy(27.9757, 0.2968, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	799788
RGB	121, 151, 136
RGB Percent	47%, 59%, 53%
CMY	0.5255, 0.4078, 0.4667
CMYK	0.20, 0.00, 0.10, 0.41
HSL	150°, 13%, 53%
HSV	150°, 20%, 59%
XYZ	23.3959, 27.9757, 27.4554
YIQ	140.3200, -13.0650, -11.0250

Conversions

Conversions Part 2

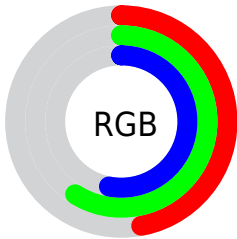
Format	Color
RYB	121, 141, 151
Decimal	7968648
CIELab	59.87, -13.66, 4.45
CIElCh	60, 14.364, 161.946
Yxy	27.9757, 0.2968, 0.3549
Android (android.graphics.Color)	4286158728 (0xFF799788)
YUV	140.3200, -2.1298, -16.9436
Hunter-Lab	52.8921, -13.6048, 6.2479

Details

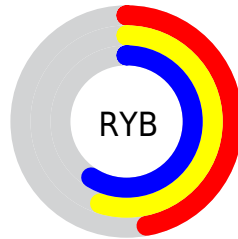
The Yxy color $27.9757, 0.2968, 0.3549$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.0345, 0.3323, 0.3045$, and the grayscale version is $26.3695, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.3354, 0.3006, 0.3493$, and $11.1639, 0.2915, 0.3653$ is the 20% darker color. If you saturate the color by 10%, you get $26.7625, 0.2893, 0.3700$, and if you desaturate by 10%, it is $29.3772, 0.3047, 0.3412$.

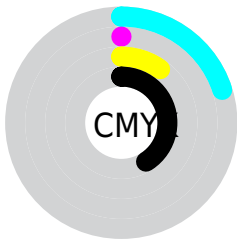
Distribution



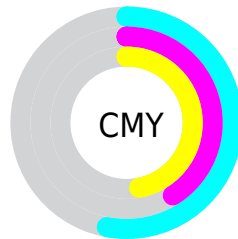
- Red (47%)
- Green (59%)
- Blue (53%)



- Red (47%)
- Yellow (55%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)





- Cyan (53%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9757, 0.2968, 0.3549 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 27.9757, 0.2968, 0.3549 by changing the saturation by 10% instead.


 27.9757, 0.2968,
0.3549


 27.9757, 0.2968,
0.3549


292.3508, 0.3056,
0.3406

 18.3073, 0.2943,
0.3590


 56.4456, 0.3002,
0.3493

 11.1709, 0.2909,
0.3646


 76.0160, 0.3014,
0.3474

 6.1819, 0.2859,
0.3729


 99.6559, 0.3024,
0.3458

 2.9560, 0.2780,
0.3860

127.7496, 0.3032,
0.3444

 1.1088, 0.2618,
0.4119

160.6815, 0.3039,
0.3432

 0.0000, 0.0000,
0.0000

198.8361, 0.3046,

0.3422

242.5977, 0.3051,
0.3414

■ 27.9757, 0.2968,
0.3549

■ 27.9757, 0.2968,
0.3549

■ 26.7625, 0.2893,
0.3700

■ 29.3772, 0.3047,
0.3412

■ 25.7258, 0.2826,
0.3865

■ 30.9711, 0.3128,
0.3288

■ 24.8580, 0.2768,
0.4042

■ 32.7660, 0.3210,
0.3179

■ 24.1493, 0.2724,
0.4228

■ 34.7686, 0.3290,
0.3082

■ 23.5891, 0.2695,
0.4419

■ 36.9856, 0.3368,
0.2996

■ 23.1654, 0.2685,
0.4612

■ 39.4231, 0.3444,
0.2921

■ 22.8640, 0.2694,
0.4800

■ 42.0873, 0.3516,
0.2855

■ 22.6506, 0.2717,
0.4980

■ 44.9838, 0.3585,
0.2798

■ 22.6479, 0.2717,
0.4983

■ 47.7540, 0.3633,
0.2745

Harmonies

Analogous

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



27.9757, 0.3204, 0.3687



27.9757, 0.2968, 0.3549



27.9757, 0.2779, 0.3336

Triad

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



27.9757, 0.2968, 0.3549



27.9757, 0.2826, 0.2894



27.9757, 0.3593, 0.3433

Complementary

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



27.9757, 0.2968, 0.3549



22.0345, 0.3323, 0.3045

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.



27.9757, 0.3485, 0.3231



27.9757, 0.2968, 0.3549



27.9757, 0.3036, 0.2929

Square

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



27.9757, 0.2968, 0.3549



27.9757, 0.2700, 0.2960



27.9757, 0.3278, 0.3050



27.9757, 0.3571, 0.3608

Rectangle

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



27.9757, 0.2968, 0.3549



27.9757, 0.2703, 0.3187



27.9757, 0.3278, 0.3050



27.9757, 0.3571, 0.3366

Sweetspot

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



27.9769, 0.2968, 0.3549



53.6363, 0.3077, 0.3364



28.7913, 0.3262, 0.3794



12.1536, 0.3073, 0.3371



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.



27.9769, 0.2968, 0.3549



49.0568, 0.2933, 0.3617



28.4178, 0.2843, 0.3298



6.9745, 0.3052, 0.3404



19.2722, 0.2714, 0.4972



0.2955, 0.2503, 0.4210

Inverse Universe

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



22.0345, 0.3323, 0.3045



36.3591, 0.3379, 0.2985



21.6493, 0.3500, 0.3283



6.2717, 0.3209, 0.3179



6.0418, 0.4911, 0.2479



0.0977, 0.4054, 0.2007

Previews

White Background



This preview shows how the Yxy color 27.9757, 0.2968, 0.3549 looks on a white background.

Color Contrast Check

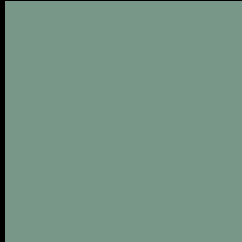
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9757, 0.2968, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

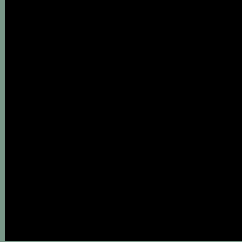
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9757, 0.2968, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 27.9757, 0.2968, 0.3549.



This preview shows how white text looks on a background with the Yxy color 27.9757, 0.2968, 0.3549.

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

27.9757, 0.2968, 0.3549

Protanopia

27.7004, 0.3303, 0.3468

Deuteranopia

27.7738, 0.3371, 0.3306



Tritanopia

28.0430, 0.2805, 0.3108

Trichromacy



Original Color

27.9757, 0.2968, 0.3549

Protanomaly

27.7402, 0.3180, 0.3506

Deuteranomaly

27.5621, 0.3219, 0.3388

Tritanomaly

28.0143, 0.2864, 0.3256

Monochromacy



Original Color

27.9757, 0.2968, 0.3549

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.7971, 0.3060, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9757, 0.2968, 0.3549 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, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(121, 151, 136)  
}
```

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, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 151, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.9757, 0.2968, 0.3549 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, 151, 136) }
```

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

```
.border{ border-color:rgb(121, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(121, 151,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9757, 0.2968, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 151, 136) }
```

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

```
.background{ background-color: rgb(121,  
151, 136) }
```

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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