

Converting Colors

$Y_{xy}(27.4732, 0.2909, 0.3514)$

Have a look what the booklet for
Yxy(27.4732, 0.2909, 0.3514)
contains.

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Color

Yxy(27.3607, 0.2903, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	74968A
RGB	116, 150, 138
RGB Percent	45%, 59%, 54%
CMY	0.5450, 0.4118, 0.4588
CMYK	0.23, 0.00, 0.08, 0.41
HSL	159°, 14%, 52%
HSV	159°, 23%, 59%
XYZ	22.7002, 27.3607, 28.1348
YIQ	138.4660, -16.4120, -10.9400

Conversions

Conversions Part 2

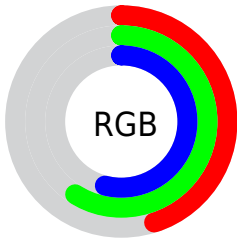
Format	Color
R_{YB}	116, 137, 150
Decimal	7640714
CIE _{Lab}	59.31, -14.38, 2.45
CIE _{LCh}	59, 14.587, 170.322
Yxy	27.3607, 0.2903, 0.3499
Android (android.graphics.Color)	4285830794 (0xFF74968A)
YUV	138.4660, -0.2297, -19.7027
Hunter-Lab	52.3075, -14.0732, 4.7247

Details

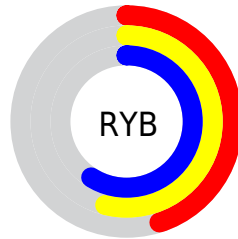
The Yxy color **27.3607, 0.2903, 0.3499** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5409, 0.3419, 0.3091**, and the grayscale version is **25.6118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3823, 0.2956, 0.3457**, and **10.8216, 0.2824, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **26.2656, 0.2813, 0.3606**, and if you desaturate by 10%, it is **28.6315, 0.2999, 0.3401**.

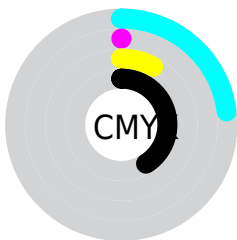
Distribution



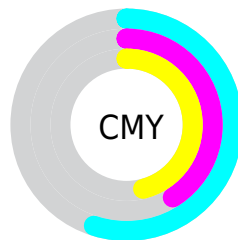
- Red (45%)
- Green (59%)
- Blue (54%)



- Red (45%)
- Yellow (54%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (55%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3607, 0.2903, 0.3499 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 27.3607, 0.2903, 0.3499 by changing the saturation by 10% instead.

■ 27.3607, 0.2903,
0.3499

■ 27.3607, 0.2903,
0.3499

289.3993, 0.3026,
0.3384

■ 17.8443, 0.2868,
0.3532

■ 55.4621, 0.2950,
0.3454

■ 10.8383, 0.2821,
0.3577

■ 74.8160, 0.2967,
0.3438

■ 5.9582, 0.2753,
0.3643

■ 98.2177, 0.2981,
0.3425

■ 2.8197, 0.2645,
0.3748

126.0518, 0.2993,
0.3414

■ 1.0383, 0.2401,
0.3968

158.7026, 0.3003,
0.3405

■ 0.0000, 0.0000,
0.0000

196.5546, 0.3012,

0.3397

239.9920, 0.3019,
0.3390

■ 27.3607, 0.2903,
0.3499

■ 27.3607, 0.2903,
0.3499

■ 26.2656, 0.2813,
0.3606

■ 28.6315, 0.2999,
0.3401

■ 25.3348, 0.2733,
0.3721

■ 30.0822, 0.3100,
0.3312

■ 24.5607, 0.2665,
0.3844

■ 31.7209, 0.3203,
0.3232

■ 23.9338, 0.2613,
0.3973

■ 33.5543, 0.3306,
0.3161

■ 23.4434, 0.2578,
0.4105

■ 35.5888, 0.3407,
0.3098

■ 23.0774, 0.2561,
0.4238

■ 37.8305, 0.3506,
0.3042

■ 22.8217, 0.2565,
0.4370

■ 40.2852, 0.3602,
0.2994

■ 22.6758, 0.2574,
0.4467

■ 42.9583, 0.3695,
0.2951

■ 45.8553, 0.3783,
0.2914

Harmonies

Analogous

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



27.3607, 0.3137, 0.3668



27.3607, 0.2903, 0.3499



27.3607, 0.2733, 0.3272

Triad

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



27.3607, 0.2903, 0.3499



27.3607, 0.2873, 0.2885



27.3607, 0.3612, 0.3491

Complementary

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



27.3607, 0.2903, 0.3499



20.5409, 0.3419, 0.3091

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.



27.3607, 0.3536, 0.3287



27.3607, 0.2903, 0.3499



27.3607, 0.3102, 0.2947

Square

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



27.3607, 0.2903, 0.3499



27.3607, 0.2716, 0.2923



27.3607, 0.3347, 0.3092



27.3607, 0.3551, 0.3653

Rectangle

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



27.3607, 0.2903, 0.3499



27.3607, 0.2675, 0.3125



27.3607, 0.3347, 0.3092



27.3607, 0.3602, 0.3425

Sweetspot

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



27.3618, 0.2903, 0.3499



51.9008, 0.3055, 0.3351



27.6998, 0.3226, 0.3879



11.4732, 0.3049, 0.3355



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.3618, 0.2903, 0.3499



47.3076, 0.2858, 0.3550



26.3109, 0.2796, 0.3211



6.5278, 0.3034, 0.3369



18.8144, 0.2572, 0.4458



0.2359, 0.2407, 0.3866

Inverse Universe

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



20.5409, 0.3419, 0.3091



33.1684, 0.3501, 0.3045



21.3137, 0.3558, 0.3368



5.8472, 0.3230, 0.3212



5.5959, 0.5507, 0.2807



0.0737, 0.4455, 0.2228

Previews

White Background



This preview shows how the Yxy color 27.3607, 0.2903, 0.3499 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 27.3607, 0.2903, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

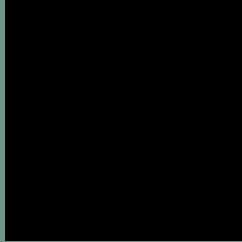
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

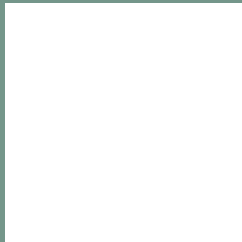
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.3607, 0.2903, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 27.3607, 0.2903, 0.3499.



This preview shows how white text looks on a background with the Yxy color 27.3607, 0.2903, 0.3499.

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

27.3607, 0.2903, 0.3499

Protanopia

27.2703, 0.3262, 0.3420

Deuteranopia

27.2681, 0.3307, 0.3244



Tritanopia

27.3637, 0.2758, 0.3089

Trichromacy



Original Color

27.3607, 0.2903, 0.3499

Protanomaly

27.2343, 0.3130, 0.3458

Deuteranomaly

26.9902, 0.3147, 0.3323

Tritanomaly

27.3361, 0.2817, 0.3238

Monochromacy



Original Color

27.3607, 0.2903, 0.3499

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9268, 0.3039, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3607, 0.2903, 0.3499 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(116, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(116, 150, 138)  
}
```

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(116, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 150, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.3607, 0.2903, 0.3499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

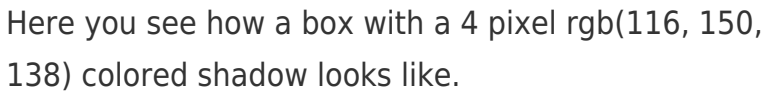
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 150, 138) }
```

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

```
.border{ border-color:rgb(116, 150, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 150, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 150, 138); box-shadow:4px 4px 4px 4px rgb(116, 150, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3607, 0.2903, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 150, 138) }
```

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

```
.background{ background-color: rgb(116,  
150, 138) }
```

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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