

Converting Colors

$Y_{xy}(27.1671, 0.2989, 0.3426)$

Have a look what the booklet for
Yxy(27.1671, 0.2989, 0.3426)
contains.

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Color

Yxy(27.1671, 0.2989, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	7E938B
RGB	126, 147, 139
RGB Percent	49%, 58%, 55%
CMY	0.5058, 0.4235, 0.4548
CMYK	0.14, 0.00, 0.05, 0.42
HSL	157°, 9%, 54%
HSV	157°, 14%, 58%
XYZ	23.7018, 27.1671, 28.4279
YIQ	139.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

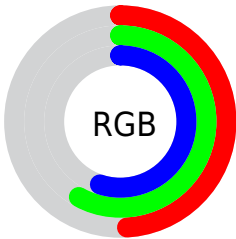
Format	Color
R_{YB}	126, 139, 147
Decimal	8295307
CIE _{Lab}	59.13, -9.12, 1.70
CIE _{LCh}	59, 9.273, 169.408
Yxy	27.1671, 0.2989, 0.3426
Android (android.graphics.Color)	4286485387 (0xFF7E938B)
YUV	139.8090, -0.3988, -12.1105
Hunter-Lab	52.1221, -10.0431, 4.1481

Details

The Yxy color $27.1671, 0.2989, 0.3426$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.8520, 0.3289, 0.3158$, and the grayscale version is $26.1545, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1628, 0.3023, 0.3403$, and $10.6648, 0.2943, 0.3469$ is the 20% darker color. If you saturate the color by 10%, you get $25.9721, 0.2897, 0.3534$, and if you desaturate by 10%, it is $28.5370, 0.3085, 0.3329$.

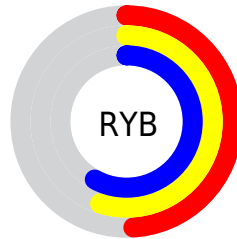
Distribution



Red (49%)

Green (58%)

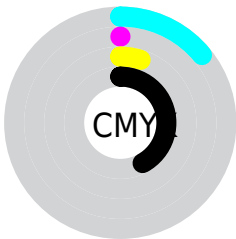
Blue (55%)



Red (49%)

Yellow (55%)

Blue (58%)

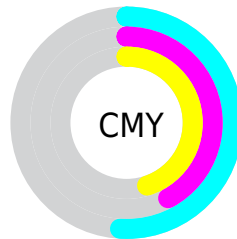


Cyan (14%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1671, 0.2989, 0.3426 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 27.1671, 0.2989, 0.3426 by changing the saturation by 10% instead.

■ 27.1671, 0.2989,
0.3426

■ 27.1671, 0.2989,
0.3426

288.4653, 0.3065,
0.3351

■ 17.6988, 0.2968,
0.3447

■ 55.1519, 0.3018,
0.3397

■ 10.7339, 0.2938,
0.3476

■ 74.4371, 0.3029,
0.3387

■ 5.8882, 0.2896,
0.3519

■ 97.7635, 0.3037,
0.3378

■ 2.7772, 0.2829,
0.3586

125.5153, 0.3044,
0.3371

■ 1.0166, 0.2698,
0.3716

158.0770, 0.3051,
0.3365

■ 0.0000, 0.0000,
0.0000

195.8329, 0.3056,

0.3360

239.1676, 0.3061,
0.3355

■ 27.1671, 0.2989,
0.3426

■ 27.1671, 0.2989,
0.3426

■ 25.9721, 0.2897,
0.3534

■ 28.5370, 0.3085,
0.3329

■ 24.9412, 0.2812,
0.3651

■ 30.0852, 0.3184,
0.3241

■ 24.0679, 0.2736,
0.3777

■ 31.8191, 0.3282,
0.3163

■ 23.3437, 0.2673,
0.3911

■ 33.7451, 0.3380,
0.3094

■ 22.7594, 0.2625,
0.4051

■ 35.8688, 0.3475,
0.3033

■ 22.3046, 0.2595,
0.4194

■ 38.1959, 0.3567,
0.2979

■ 21.9676, 0.2584,
0.4339

■ 40.7318, 0.3656,
0.2933

■ 21.7339, 0.2592,
0.4481

■ 43.4815, 0.3740,
0.2892

■ 21.6229, 0.2601,
0.4563

■ 45.8147, 0.3790,
0.2851

Harmonies

Analogous

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



27.1671, 0.3140, 0.3529



27.1671, 0.2989, 0.3426



27.1671, 0.2876, 0.3285

Triad

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



27.1671, 0.2989, 0.3426



27.1671, 0.2961, 0.3028



27.1671, 0.3434, 0.3418

Complementary

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



27.1671, 0.2989, 0.3426



22.8520, 0.3289, 0.3158

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.



27.1671, 0.3384, 0.3287



27.1671, 0.2989, 0.3426



27.1671, 0.3108, 0.3066

Square

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



27.1671, 0.2989, 0.3426



27.1671, 0.2860, 0.3057



27.1671, 0.3263, 0.3159



27.1671, 0.3399, 0.3521

Rectangle

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



27.1671, 0.2989, 0.3426



27.1671, 0.2837, 0.3192



27.1671, 0.3263, 0.3159



27.1671, 0.3427, 0.3376

Sweetspot

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



27.1682, 0.2989, 0.3426



51.1573, 0.3087, 0.3327



27.4466, 0.3194, 0.3647



11.6363, 0.3080, 0.3333



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.



27.1682, 0.2989, 0.3426



47.9649, 0.2960, 0.3458



26.6572, 0.2916, 0.3248



6.5252, 0.3037, 0.3375



18.7521, 0.2599, 0.4555



0.2353, 0.2423, 0.3922

Inverse Universe

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



22.8520, 0.3289, 0.3158



38.7591, 0.3330, 0.3128



23.2713, 0.3376, 0.3332



5.8497, 0.3226, 0.3206



5.6290, 0.5399, 0.2748



0.0743, 0.4366, 0.2179

Previews

White Background



This preview shows how the Yxy color 27.1671, 0.2989, 0.3426 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 27.1671, 0.2989, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

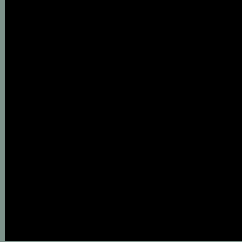
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

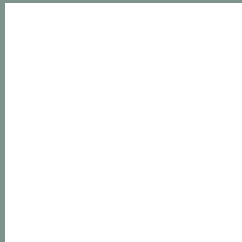
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1671, 0.2989, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 27.1671, 0.2989, 0.3426.



This preview shows how white text looks on a background with the Yxy color 27.1671, 0.2989, 0.3426.

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

27.1671, 0.2989, 0.3426

Protanopia

26.9383, 0.3232, 0.3372

Deuteranopia

26.8823, 0.3297, 0.3228



Tritanopia

27.0139, 0.2864, 0.3091

Trichromacy



Original Color

27.1671, 0.2989, 0.3426

Protanomaly

26.9400, 0.3144, 0.3390

Deuteranomaly

26.9629, 0.3180, 0.3306

Tritanomaly

27.0420, 0.2908, 0.3206

Monochromacy



Original Color

27.1671, 0.2989, 0.3426

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6893, 0.3072, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1671, 0.2989, 0.3426 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(126, 147, 139)` looks like.

```
.text, #text, p{  
    color:rgb(126, 147, 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(126, 147, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 147, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.1671, 0.2989, 0.3426 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(126, 147, 139) }
```

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

```
.border{ border-color:rgb(126, 147, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 147, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 147, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 147, 139);  
box-shadow:4px 4px 4px 4px rgb(126, 147,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1671, 0.2989, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 147, 139) }
```

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

```
.background{ background-color: rgb(126,  
147, 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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