

Converting Colors

$Y_{xy}(26.9551, 0.3179, 0.3535)$

Have a look what the booklet for
Yxy(26.9551, 0.3179, 0.3535)
contains.

Yxy(27.0967, 0.3179, 0.3543)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0967, 0.3179, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	889182
RGB	136, 145, 130
RGB Percent	53%, 57%, 51%
CMY	0.4665, 0.4314, 0.4902
CMYK	0.06, 0.00, 0.10, 0.43
HSL	96°, 6%, 54%
HSV	96°, 10%, 57%
XYZ	24.3128, 27.0967, 25.0700
YIQ	140.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

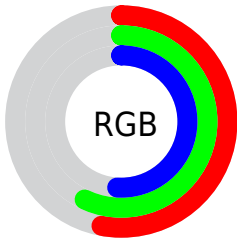
Format	Color
R_{YB}	130, 145, 139
Decimal	8950146
CIE _{Lab}	59.06, -6.15, 6.84
CIE _{LCh}	59, 9.199, 131.986
Yxy	27.0967, 0.3179, 0.3543
Android (android.graphics.Color)	4287140226 (0xFF889182)
YUV	140.5990, -5.2253, -4.0333
Hunter-Lab	52.0545, -7.7242, 7.8835

Details

The Yxy color $27.0967, 0.3179, 0.3543$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.4969, 0.3070, 0.3040$, and the grayscale version is $26.4947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0846, 0.3165, 0.3490$, and $10.7569, 0.3188, 0.3642$ is the 20% darker color. If you saturate the color by 10%, you get $26.0389, 0.3228, 0.3811$, and if you desaturate by 10%, it is $28.2704, 0.3129, 0.3298$.

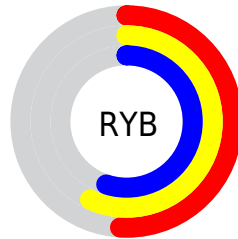
Distribution



Red (53%)

Green (57%)

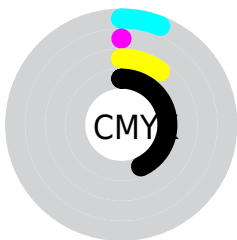
Blue (51%)



Red (51%)

Yellow (57%)

Blue (55%)

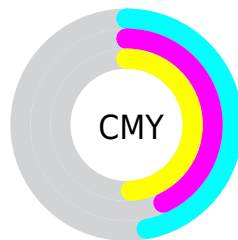


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0967, 0.3179, 0.3543 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 27.0967, 0.3179, 0.3543 by changing the saturation by 10% instead.

 27.0967, 0.3179,
0.3543

 27.0967, 0.3179,
0.3543


288.1250, 0.3152,
0.3403


 17.6459, 0.3186,
0.3583


 55.0390, 0.3169,
0.3489

 10.6960, 0.3196,
0.3638


 74.2993, 0.3165,
0.3469

 5.8628, 0.3209,
0.3719


 97.5981, 0.3162,
0.3454

 2.7619, 0.3229,
0.3848

125.3199, 0.3159,
0.3440

 1.0087, 0.3311,
0.4157

157.8491, 0.3157,
0.3429

 0.0000, 0.0000,
0.0000

195.5701, 0.3155,

0.3419

238.8673, 0.3153,
0.3411

■ 27.0967, 0.3179,
0.3543

■ 27.0967, 0.3179,
0.3543

■ 26.0389, 0.3228,
0.3811

■ 28.2704, 0.3129,
0.3298

■ 25.0898, 0.3273,
0.4097

■ 29.5599, 0.3079,
0.3076

■ 24.2467, 0.3312,
0.4398

■ 30.9697, 0.3031,
0.2877

■ 23.5054, 0.3341,
0.4701

■ 32.5030, 0.2984,
0.2700

■ 22.8616, 0.3357,
0.4996

■ 34.1630, 0.2941,
0.2542

■ 22.3104, 0.3356,
0.5265

■ 35.9524, 0.2900,
0.2403

■ 21.8466, 0.3338,
0.5494

■ 37.8742, 0.2862,
0.2279

■ 21.4640, 0.3301,
0.5669

■ 39.9311, 0.2826,
0.2169

■ 21.1587, 0.3257,
0.5796

■ 41.7664, 0.2832,
0.2116

Harmonies

Analogous

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



27.0967, 0.3322, 0.3558



27.0967, 0.3179, 0.3543



27.0967, 0.3025, 0.3455

Triad

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



27.0967, 0.3179, 0.3543



27.0967, 0.2848, 0.3076



27.0967, 0.3358, 0.3254

Complementary

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



27.0967, 0.3179, 0.3543



23.4969, 0.3070, 0.3040

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.



27.0967, 0.3226, 0.3133



27.0967, 0.3179, 0.3543



27.0967, 0.2932, 0.3031

Square

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



27.0967, 0.3179, 0.3543



27.0967, 0.2836, 0.3182



27.0967, 0.3070, 0.3052



27.0967, 0.3427, 0.3387

Rectangle

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



27.0967, 0.3179, 0.3543



27.0967, 0.2936, 0.3369



27.0967, 0.3070, 0.3052



27.0967, 0.3319, 0.3211

Sweetspot

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



27.0979, 0.3179, 0.3543



50.0406, 0.3143, 0.3362



26.0235, 0.3287, 0.3435



11.0960, 0.3146, 0.3381



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



27.0979, 0.3179, 0.3543



48.1551, 0.3189, 0.3593



26.6406, 0.3103, 0.3526



6.1287, 0.3173, 0.3513



18.1651, 0.3261, 0.5792



0.1859, 0.3608, 0.5518

Inverse Universe

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



23.4969, 0.3070, 0.3040



40.6076, 0.3059, 0.2991



23.9920, 0.3152, 0.3065



5.4042, 0.3077, 0.3069



3.4921, 0.2249, 0.1012



0.0463, 0.2688, 0.1254

Previews

White Background



This preview shows how the Yxy color 27.0967, 0.3179, 0.3543 looks on a white background.

Color Contrast Check

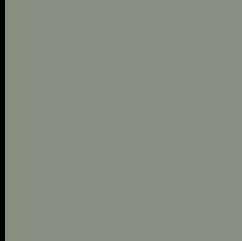
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0967, 0.3179, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

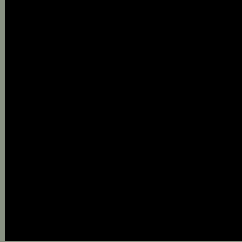
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

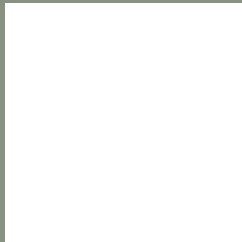
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0967, 0.3179, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 27.0967, 0.3179, 0.3543.



This preview shows how white text looks on a background with the Yxy color 27.0967, 0.3179, 0.3543.

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

27.0967, 0.3179, 0.3543

Protanopia

27.2004, 0.3335, 0.3519

Deuteranopia

27.0308, 0.3441, 0.3369



Tritanopia

27.2214, 0.3000, 0.3112

Trichromacy



Original Color

27.0967, 0.3179, 0.3543

Protanomaly

27.1592, 0.3279, 0.3521

Deuteranomaly

26.9742, 0.3342, 0.3436

Tritanomaly

27.1782, 0.3066, 0.3257

Monochromacy



Original Color

27.0967, 0.3179, 0.3543

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6411, 0.3145, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0967, 0.3179, 0.3543 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(136, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 130)  
}
```

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(136, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.0967, 0.3179, 0.3543 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(136, 145, 130) }
```

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

```
.border{ border-color:rgb(136, 145, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0967, 0.3179, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 130) }
```

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

```
.background{ background-color: rgb(136,  
145, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor