

Converting Colors

$Y_{xy}(28.0696, 0.3191, 0.3679)$

Have a look what the booklet for
Yxy(28.0696, 0.3191, 0.3679)
contains.

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Color

Yxy(28.0696, 0.3191, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	86957E
RGB	134, 149, 126
RGB Percent	53%, 58%, 49%
CMY	0.4745, 0.4157, 0.5058
CMYK	0.10, 0.00, 0.15, 0.42
HSL	99°, 10%, 54%
HSV	99°, 15%, 58%
XYZ	24.3463, 28.0696, 23.8809
YIQ	141.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

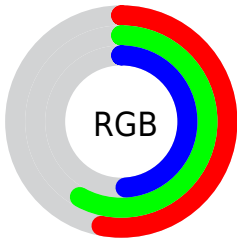
Format	Color
R _Y B	126, 149, 141
Decimal	8820094
CIE Lab	59.95, -9.84, 10.34
CIE LCh	60, 14.269, 133.572
Yxy	28.0696, 0.3191, 0.3679
Android (android.graphics.Color)	4287010174 (0xFF86957E)
YUV	141.8930, -7.8352, -6.9222
Hunter-Lab	52.9808, -10.6900, 10.3617

Details

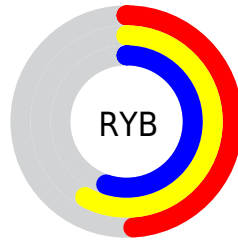
The Yxy color $28.0696, 0.3191, 0.3679$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.7622, 0.3053, 0.2910$, and the grayscale version is $27.0391, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5313, 0.3175, 0.3591$, and $11.1560, 0.3207, 0.3820$ is the 20% darker color. If you saturate the color by 10%, you get $26.9515, 0.3230, 0.3961$, and if you desaturate by 10%, it is $29.3209, 0.3150, 0.3420$.

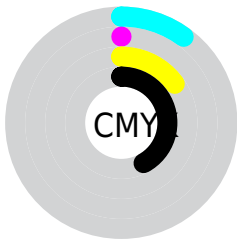
Distribution



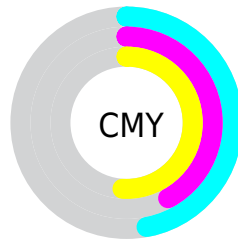
- Red (53%)
- Green (58%)
- Blue (49%)



- Red (49%)
- Yellow (58%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)





- Cyan (47%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0696, 0.3191, 0.3679 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 28.0696, 0.3191, 0.3679 by changing the saturation by 10% instead.


 28.0696, 0.3191,
0.3679


 28.0696, 0.3191,
0.3679


292.7993, 0.3158,
0.3464


 18.3781, 0.3199,
0.3741


 56.5955, 0.3179,
0.3595

 11.2218, 0.3209,
0.3826


 76.1988, 0.3175,
0.3566

 6.2162, 0.3222,
0.3950

 99.8748, 0.3171,
0.3541

 2.9770, 0.3239,
0.4148

128.0079, 0.3168,
0.3521

 1.1197, 0.3358,
0.4659

160.9825, 0.3165,
0.3503

 0.0000, 0.0000,
0.0000

199.1830, 0.3163,

0.3488

242.9938, 0.3160,
0.3475

■ 28.0696, 0.3191,
0.3679

■ 28.0696, 0.3191,
0.3679

■ 26.9515, 0.3230,
0.3961

■ 29.3209, 0.3150,
0.3420

■ 25.9585, 0.3263,
0.4261

■ 30.7061, 0.3108,
0.3186

■ 25.0870, 0.3289,
0.4572

■ 32.2305, 0.3067,
0.2976

■ 24.3320, 0.3304,
0.4881

■ 33.8978, 0.3027,
0.2789

■ 23.6879, 0.3306,
0.5173

■ 35.7119, 0.2989,
0.2624

■ 23.1487, 0.3291,
0.5431

■ 37.6763, 0.2953,
0.2478

■ 22.7078, 0.3260,
0.5638

■ 39.7945, 0.2919,
0.2349

■ 22.3567, 0.3216,
0.5786

■ 42.0698, 0.2888,
0.2235

■ 22.2186, 0.3196,
0.5844

■ 44.1710, 0.2896,
0.2176

Harmonies

Analogous

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



28.0696, 0.3414, 0.3704



28.0696, 0.3191, 0.3679



28.0696, 0.2957, 0.3537

Triad

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



28.0696, 0.3191, 0.3679



28.0696, 0.2707, 0.2956



28.0696, 0.3491, 0.3243

Complementary

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



28.0696, 0.3191, 0.3679



22.7622, 0.3053, 0.2910

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.



28.0696, 0.3289, 0.3061



28.0696, 0.3191, 0.3679



28.0696, 0.2838, 0.2896

Square

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



28.0696, 0.3191, 0.3679



28.0696, 0.2684, 0.3109



28.0696, 0.3049, 0.2936



28.0696, 0.3592, 0.3443

Rectangle

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



28.0696, 0.3191, 0.3679



28.0696, 0.2826, 0.3398



28.0696, 0.3049, 0.2936



28.0696, 0.3432, 0.3178

Sweetspot

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



28.0708, 0.3191, 0.3679



52.5848, 0.3149, 0.3412



26.9342, 0.3370, 0.3534



11.6204, 0.3151, 0.3428



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.



28.0708, 0.3191, 0.3679



49.4482, 0.3207, 0.3788



27.5301, 0.3076, 0.3627



6.5605, 0.3166, 0.3515



18.7151, 0.3201, 0.5841



0.2443, 0.3537, 0.5573

Inverse Universe

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



22.7622, 0.3053, 0.2910



37.8178, 0.3031, 0.2807



23.3788, 0.3182, 0.2974



5.8094, 0.3085, 0.3068



3.9938, 0.2370, 0.1079



0.0653, 0.2769, 0.1299

Previews

White Background



This preview shows how the Yxy color 28.0696, 0.3191, 0.3679 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 28.0696, 0.3191, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

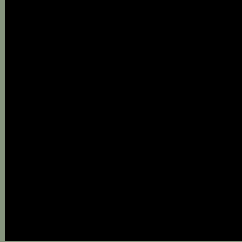
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0696, 0.3191, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 28.0696, 0.3191, 0.3679.



This preview shows how white text looks on a background with the Yxy color 28.0696, 0.3191, 0.3679.

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

28.0696, 0.3191, 0.3679

Protanopia

28.0520, 0.3428, 0.3629

Deuteranopia

27.9163, 0.3525, 0.3461



Tritanopia

28.1401, 0.2962, 0.3113

Trichromacy



Original Color

28.0696, 0.3191, 0.3679

Protanomaly

28.0327, 0.3334, 0.3652

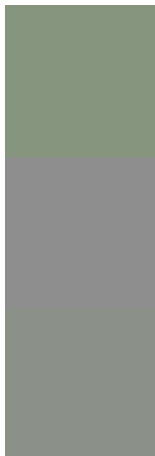
Deuteranomaly

27.9495, 0.3400, 0.3547

Tritanomaly

27.9205, 0.3044, 0.3306

Monochromacy



Original Color

28.0696, 0.3191, 0.3679

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.5173, 0.3152, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0696, 0.3191, 0.3679 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(134, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(134, 149, 126)  
}
```

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(134, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 149, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.0696, 0.3191, 0.3679 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(134, 149, 126) }
```

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

```
.border{ border-color:rgb(134, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(134, 149,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0696, 0.3191, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 149, 126) }
```

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

```
.background{ background-color: rgb(134,  
149, 126) }
```

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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