

Converting Colors

$Y_{xy}(28.0665, 0.3138, 0.3537)$

Have a look what the booklet for
Yxy(28.0665, 0.3138, 0.3537)
contains.

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Color

Yxy(28.0242, 0.3136, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	879485
RGB	135, 148, 133
RGB Percent	53%, 58%, 52%
CMY	0.4705, 0.4196, 0.4783
CMYK	0.09, 0.00, 0.10, 0.42
HSL	112°, 7%, 55%
HSV	112°, 10%, 58%
XYZ	24.8189, 28.0242, 26.2989
YIQ	142.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

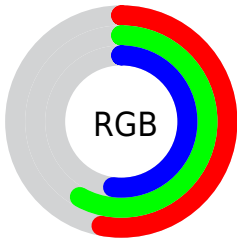
Format	Color
R_{YB}	133, 148, 146
Decimal	8885381
CIE _{Lab}	59.91, -7.62, 6.33
CIE _{LCh}	60, 9.902, 140.286
Yxy	28.0242, 0.3136, 0.3541
Android (android.graphics.Color)	4287075461 (0xFF879485)
YUV	142.4030, -4.6357, -6.4924
Hunter-Lab	52.9379, -8.9549, 7.6020

Details

The Yxy color $28.0242, 0.3136, 0.3541$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.0296, 0.3116, 0.3048$, and the grayscale version is $27.2402, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4776, 0.3133, 0.3489$, and $11.1208, 0.3127, 0.3614$ is the 20% darker color. If you saturate the color by 10%, you get $26.6441, 0.3143, 0.3819$, and if you desaturate by 10%, it is $29.5925, 0.3127, 0.3293$.

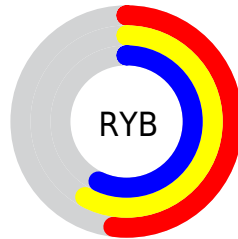
Distribution



Red (53%)

Green (58%)

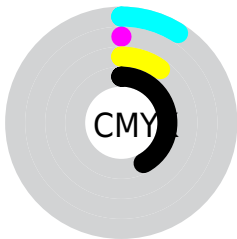
Blue (52%)



Red (52%)

Yellow (58%)

Blue (57%)

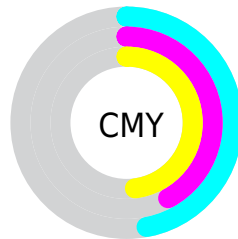


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (42%)



Cyan (47%)


Magenta (42%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0242, 0.3136, 0.3541 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 28.0242, 0.3136, 0.3541 by changing the saturation by 10% instead.


 28.0242, 0.3136,
0.3541


 28.0242, 0.3136,
0.3541


292.5825, 0.3132,
0.3403


 18.3439, 0.3137,
0.3580


 56.5231, 0.3135,
0.3487

 11.1972, 0.3137,
0.3635


 76.1104, 0.3134,
0.3468

 6.1996, 0.3137,
0.3713


 99.7690, 0.3134,
0.3453

 2.9668, 0.3136,
0.3839

127.8830, 0.3133,
0.3440

 1.1144, 0.3146,
0.4092

160.8370, 0.3133,
0.3428

 0.0000, 0.0000,
0.0000

199.0153, 0.3133,

0.3419

242.8024, 0.3132,
0.3410

■ 28.0242, 0.3136,
0.3541

■ 28.0242, 0.3136,
0.3541

■ 26.6441, 0.3143,
0.3819

■ 29.5925, 0.3127,
0.3293

■ 25.4416, 0.3147,
0.4124

■ 31.3519, 0.3117,
0.3074

■ 24.4106, 0.3147,
0.4451


■ 33.3099, 0.3107,
0.2882


■ 23.5431, 0.3142,
0.4788


■ 35.4724, 0.3097,
0.2715


■ 22.8308, 0.3132,
0.5117


■ 37.8451, 0.3086,
0.2570


 22.2643, 0.3115,
0.5418


 40.4335, 0.3076,
0.2444


 21.8333, 0.3092,
0.5668

 43.2429, 0.3067,
0.2335

 21.5262, 0.3065,
0.5848

 46.2783, 0.3057,
0.2239

 21.3249, 0.3042,
0.5966

 48.8010, 0.3137,
0.2244

Harmonies

Analogous

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



28.0242, 0.3296, 0.3579



28.0242, 0.3136, 0.3541



28.0242, 0.2977, 0.3430

Triad

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



28.0242, 0.3136, 0.3541



28.0242, 0.2848, 0.3042



28.0242, 0.3401, 0.3290

Complementary

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



28.0242, 0.3136, 0.3541



25.0296, 0.3116, 0.3048

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.



28.0242, 0.3276, 0.3155



28.0242, 0.3136, 0.3541



28.0242, 0.2956, 0.3014

Square

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



28.0242, 0.3136, 0.3541



28.0242, 0.2813, 0.3138



28.0242, 0.3112, 0.3055



28.0242, 0.3452, 0.3429

Rectangle

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



28.0242, 0.3136, 0.3541



28.0242, 0.2892, 0.3332



28.0242, 0.3112, 0.3055



28.0242, 0.3366, 0.3243

Sweetspot

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



28.0254, 0.3136, 0.3541



51.3693, 0.3130, 0.3363



28.4704, 0.3277, 0.3496



11.6772, 0.3131, 0.3381



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.



28.0254, 0.3136, 0.3541



48.9082, 0.3138, 0.3598



28.0095, 0.3066, 0.3453



6.5034, 0.3135, 0.3517



18.2234, 0.3045, 0.5965



0.2302, 0.3229, 0.5818

Inverse Universe

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



25.0296, 0.3116, 0.3048



42.6035, 0.3113, 0.2996



25.0523, 0.3194, 0.3133



5.8703, 0.3117, 0.3070



5.7697, 0.2882, 0.1361



0.0794, 0.3053, 0.1456

Previews

White Background



This preview shows how the Yxy color 28.0242, 0.3136, 0.3541 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 28.0242, 0.3136, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

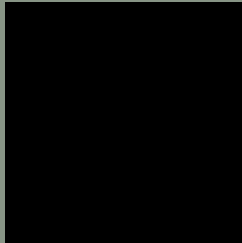
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

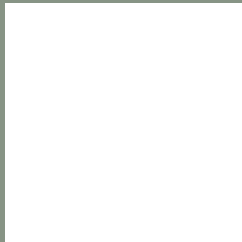
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.0242, 0.3136, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 28.0242, 0.3136, 0.3541.

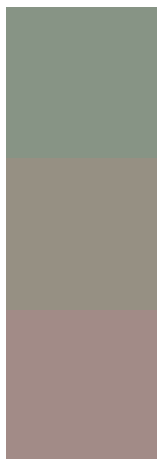


This preview shows how white text looks on a background with the Yxy color 28.0242, 0.3136, 0.3541.

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

28.0242, 0.3136, 0.3541

Protanopia

28.0692, 0.3323, 0.3500

Deuteranopia

27.8959, 0.3426, 0.3353



Tritanopia

28.1401, 0.2962, 0.3113

Trichromacy



Original Color

28.0242, 0.3136, 0.3541

Protanomaly

27.9365, 0.3256, 0.3503

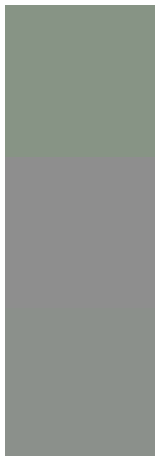
Deuteranomaly

27.7426, 0.3318, 0.3418

Tritanomaly

28.0992, 0.3026, 0.3257

Monochromacy



Original Color

28.0242, 0.3136, 0.3541

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.2996, 0.3123, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0242, 0.3136, 0.3541 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(135, 148, 133)` looks like.

```
.text, #text, p{  
    color:rgb(135, 148, 133)  
}
```

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(135, 148, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 148, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.0242, 0.3136, 0.3541 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(135, 148, 133) }
```

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

```
.border{ border-color:rgb(135, 148, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 148, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 148, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 148, 133);  
box-shadow:4px 4px 4px 4px rgb(135, 148,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0242, 0.3136, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 148, 133) }
```

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

```
.background{ background-color: rgb(135,  
148, 133) }
```

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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