

Converting Colors

$Y_{xy}(28.1403, 0.3179, 0.3374)$

Have a look what the booklet for
Yxy(28.1403, 0.3179, 0.3374)
contains.

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Color

Yxy(28.1640, 0.3176, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	91918C
RGB	145, 145, 140
RGB Percent	57%, 57%, 55%
CMY	0.4314, 0.4313, 0.4510
CMYK	0.00, 0.00, 0.03, 0.43
HSL	60°, 2%, 56%
HSV	60°, 3%, 57%
XYZ	26.5348, 28.1640, 28.8491
YIQ	144.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

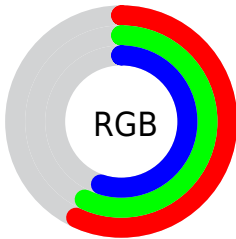
Format	Color
R_{YB}	140, 145, 140
Decimal	9539980
CIE Lab	60.04, -0.96, 2.64
CIE LCh	60, 2.810, 109.946
Yxy	28.1640, 0.3176, 0.3371
Android (android.graphics.Color)	4287730060 (0xFF91918C)
YUV	144.4300, -2.1840, 0.4999
Hunter-Lab	53.0698, -3.6223, 4.9184

Details

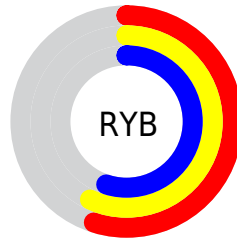
The Yxy color $28.1640, 0.3176, 0.3371$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.3784, 0.3078, 0.3208$, and the grayscale version is $28.0810, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.8840, 0.3164, 0.3350$, and $11.3555, 0.3199, 0.3408$ is the 20% darker color. If you saturate the color by 10%, you get $27.7610, 0.3321, 0.3611$, and if you desaturate by 10%, it is $28.6258, 0.3037, 0.3140$.

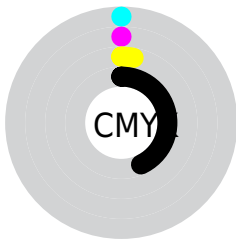
Distribution



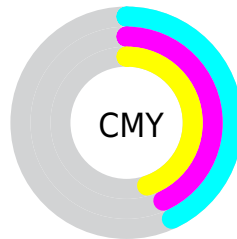
- Red (57%)
- Green (57%)
- Blue (55%)



- Red (55%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)





- Cyan (43%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1640, 0.3176, 0.3371 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 28.1640, 0.3176, 0.3371 by changing the saturation by 10% instead.


 28.1640, 0.3176,
0.3371


 28.1640, 0.3176,
0.3371


293.2497, 0.3150,
0.3327

 18.4493, 0.3183,
0.3383


 56.7462, 0.3166,
0.3354

 11.2731, 0.3193,
0.3400


 76.3824, 0.3162,
0.3348

 6.2508, 0.3208,
0.3424


 100.0947, 0.3159,
0.3343

 2.9982, 0.3230,
0.3462

128.2674, 0.3157,
0.3339

 1.1308, 0.3269,
0.3529

161.2848, 0.3155,
0.3335

 0.0041, 0.0000,
1.0000

199.5314, 0.3153,

 0.0000, 0.0000,

0.3332

0.0000

243.3916, 0.3151,
0.3329

■ 28.1640, 0.3176,
0.3371

■ 28.1640, 0.3176,
0.3371

■ 27.7610, 0.3321,
0.3611

■ 28.6258, 0.3037,
0.3140

■ 27.4110, 0.3468,
0.3855

■ 29.1448, 0.2905,
0.2921

■ 27.1129, 0.3613,
0.4097

■ 29.7242, 0.2782,
0.2718

■ 26.8641, 0.3751,
0.4326

■ 30.3660, 0.2669,
0.2531

■ 26.6620, 0.3877,
0.4535

■ 31.0718, 0.2566,
0.2359

■ 26.5035, 0.3985,
0.4716

■ 31.8433, 0.2472,
0.2204

■ 26.3855, 0.4071,
0.4860

■ 32.6824, 0.2387,
0.2063

■ 26.3041, 0.4133,
0.4964

■ 33.5254, 0.2315,
0.1944

■ 26.2548, 0.4170,
0.5027

■ 33.5296, 0.2315,
0.1945

Harmonies

Analogous

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



28.1640, 0.3208, 0.3360



28.1640, 0.3176, 0.3371



28.1640, 0.3131, 0.3360

Triad

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



28.1640, 0.3176, 0.3371



28.1640, 0.3037, 0.3249



28.1640, 0.3169, 0.3251

Complementary

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



28.1640, 0.3176, 0.3371



26.3784, 0.3078, 0.3208

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.



28.1640, 0.3123, 0.3222



28.1640, 0.3176, 0.3371



28.1640, 0.3047, 0.3220

Square

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



28.1640, 0.3176, 0.3371



28.1640, 0.3051, 0.3289



28.1640, 0.3078, 0.3210



28.1640, 0.3204, 0.3291

Rectangle

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



28.1640, 0.3176, 0.3371



28.1640, 0.3100, 0.3341



28.1640, 0.3078, 0.3210



28.1640, 0.3154, 0.3240

Sweetspot

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



28.1652, 0.3176, 0.3371



50.6258, 0.3142, 0.3314



26.6707, 0.3182, 0.3290



11.2634, 0.3141, 0.3312



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.



28.1652, 0.3176, 0.3371



50.3861, 0.3185, 0.3386



27.9418, 0.3150, 0.3372



6.3271, 0.3192, 0.3398



22.4974, 0.4188, 0.5057



0.2153, 0.4191, 0.5055

Inverse Universe

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



26.3784, 0.3078, 0.3208



46.6158, 0.3068, 0.3192



26.5969, 0.3104, 0.3208



5.7970, 0.3061, 0.3180



1.7563, 0.1502, 0.0601



0.0169, 0.1509, 0.0605

Previews

White Background



This preview shows how the Yxy color 28.1640, 0.3176, 0.3371 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 28.1640, 0.3176, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

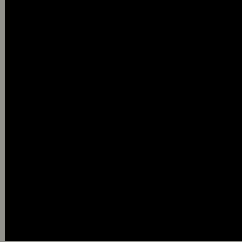
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

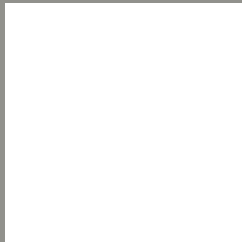
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1640, 0.3176, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 28.1640, 0.3176, 0.3371.



This preview shows how white text looks on a background with the Yxy color 28.1640, 0.3176, 0.3371.

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

28.1640, 0.3176, 0.3371

Protanopia

28.1065, 0.3219, 0.3371

Deuteranopia

28.1528, 0.3337, 0.3275



Tritanopia

28.1811, 0.3062, 0.3117

Trichromacy



Original Color

28.1640, 0.3176, 0.3371

Protanomaly

28.0136, 0.3209, 0.3371

Deuteranomaly

28.2377, 0.3278, 0.3306

Tritanomaly

28.2274, 0.3099, 0.3210

Monochromacy



Original Color

28.1640, 0.3176, 0.3371

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.8590, 0.3137, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1640, 0.3176, 0.3371 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(145, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(145, 145, 140)  
}
```

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(145, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 145, 140) }
```

Border

The CSS property to change the border of an element to Yxy 28.1640, 0.3176, 0.3371 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(145, 145, 140) }
```

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

```
.border{ border-color:rgb(145, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(145, 145,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1640, 0.3176, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 145, 140) }
```

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

```
.background{ background-color: rgb(145,  
145, 140) }
```

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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