

Converting Colors

$Y_{xy}(27.1153, 0.2996, 0.3365)$

Have a look what the booklet for
Yxy(27.1153, 0.2996, 0.3365)
contains.

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Color

Yxy(27.1480, 0.3000, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	81928D
RGB	129, 146, 141
RGB Percent	51%, 57%, 55%
CMY	0.4942, 0.4274, 0.4470
CMYK	0.12, 0.00, 0.03, 0.43
HSL	162°, 7%, 54%
HSV	162°, 12%, 57%
XYZ	24.1387, 27.1480, 29.1757
YIQ	140.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

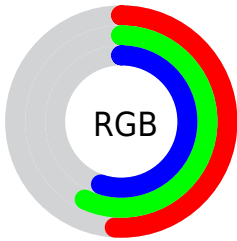
Format	Color
R_{YB}	129, 139, 146
Decimal	8491661
CIE _{Lab}	59.11, -7.12, 0.56
CIE _{LCh}	59, 7.140, 175.477
Yxy	27.1480, 0.3000, 0.3374
Android (android.graphics.Color)	4286681741 (0xFF81928D)
YUV	140.3470, 0.3219, -9.9513
Hunter-Lab	52.1037, -8.4858, 3.2730

Details

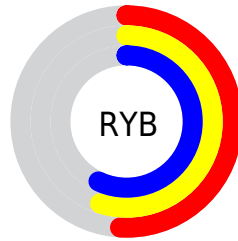
The Yxy color $27.1480, 0.3000, 0.3374$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.5269, 0.3273, 0.3208$, and the grayscale version is $26.3685, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1938, 0.3024, 0.3352$, and $10.8265, 0.2959, 0.3415$ is the 20% darker color. If you saturate the color by 10%, you get $25.9617, 0.2896, 0.3454$, and if you desaturate by 10%, it is $28.5049, 0.3109, 0.3301$.

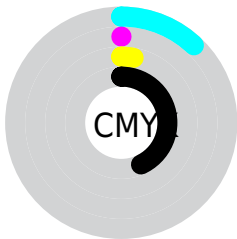
Distribution



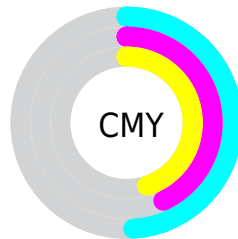
- Red (51%)
- Green (57%)
- Blue (55%)



- Red (51%)
- Yellow (55%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1480, 0.3000, 0.3374 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 27.1480, 0.3000, 0.3374 by changing the saturation by 10% instead.

■ 27.1480, 0.3000,
0.3374

■ 27.1480, 0.3000,
0.3374

288.3730, 0.3069,
0.3328

■ 17.6844, 0.2980,
0.3387

■ 55.1213, 0.3027,
0.3356

■ 10.7236, 0.2954,
0.3405

■ 74.3997, 0.3036,
0.3350

■ 5.8813, 0.2915,
0.3430

■ 97.7186, 0.3044,
0.3345

■ 2.7731, 0.2855,
0.3471

125.4623, 0.3051,
0.3340

■ 1.0144, 0.2743,
0.3545

158.0152, 0.3057,
0.3337

■ 0.0000, 0.0000,
0.0000

195.7617, 0.3061,

0.3333

239.0861, 0.3066,
0.3331

■ 27.1480, 0.3000,
0.3374

■ 27.1480, 0.3000,
0.3374

■ 25.9617, 0.2896,
0.3454

■ 28.5049, 0.3109,
0.3301

■ 24.9355, 0.2799,
0.3541

■ 30.0355, 0.3220,
0.3236

■ 24.0633, 0.2712,
0.3635

■ 31.7471, 0.3332,
0.3178

■ 23.3369, 0.2637,
0.3734

■ 33.6456, 0.3442,
0.3126

■ 22.7476, 0.2578,
0.3838

■ 35.7366, 0.3550,
0.3080

■ 22.2856, 0.2536,
0.3945

■ 38.0254, 0.3655,
0.3040

■ 21.9399, 0.2513,
0.4053

■ 40.5174, 0.3756,
0.3006

■ 21.6973, 0.2508,
0.4161

■ 43.2173, 0.3853,
0.2975

■ 21.5446, 0.2514,
0.4251

■ 45.0942, 0.3896,
0.2942

Harmonies

Analogous

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



27.1480, 0.3113, 0.3461



27.1480, 0.3000, 0.3374



27.1480, 0.2921, 0.3265

Triad

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



27.1480, 0.3000, 0.3374



27.1480, 0.3020, 0.3089



27.1480, 0.3363, 0.3409

Complementary

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



27.1480, 0.3000, 0.3374



23.5269, 0.3273, 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.



27.1480, 0.3337, 0.3310



27.1480, 0.3000, 0.3374



27.1480, 0.3138, 0.3128

Square

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



27.1480, 0.3000, 0.3374



27.1480, 0.2933, 0.3102



27.1480, 0.3254, 0.3208



27.1480, 0.3324, 0.3479

Rectangle

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



27.1480, 0.3000, 0.3374



27.1480, 0.2899, 0.3196



27.1480, 0.3254, 0.3208



27.1480, 0.3362, 0.3378

Sweetspot

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



27.1491, 0.3000, 0.3374



49.9280, 0.3093, 0.3311



27.2198, 0.3167, 0.3579



11.0651, 0.3085, 0.3316



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.



27.1491, 0.3000, 0.3374



47.3121, 0.2972, 0.3394



26.2665, 0.2953, 0.3232



6.5336, 0.3026, 0.3356



18.9615, 0.2513, 0.4246



0.2372, 0.2375, 0.3751

Inverse Universe

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



23.5269, 0.3273, 0.3208



39.6234, 0.3310, 0.3188



24.3031, 0.3322, 0.3347



5.8417, 0.3239, 0.3225



5.5330, 0.5729, 0.2930



0.0724, 0.4669, 0.2346

Previews

White Background



This preview shows how the Yxy color 27.1480, 0.3000, 0.3374 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 27.1480, 0.3000, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

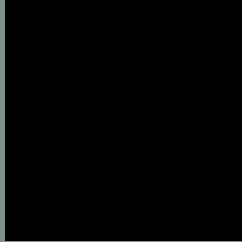
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

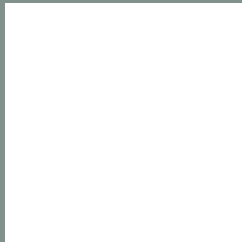
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1480, 0.3000, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 27.1480, 0.3000, 0.3374.



This preview shows how white text looks on a background with the Yxy color 27.1480, 0.3000, 0.3374.

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

27.1480, 0.3000, 0.3374

Protanopia

26.9045, 0.3201, 0.3339

Deuteranopia

27.1287, 0.3263, 0.3212



Tritanopia

27.1384, 0.2892, 0.3108

Trichromacy



Original Color

27.1480, 0.3000, 0.3374

Protanomaly

26.9980, 0.3124, 0.3356

Deuteranomaly

27.1137, 0.3171, 0.3274

Tritanomaly

27.1986, 0.2928, 0.3206

Monochromacy



Original Color

27.1480, 0.3000, 0.3374

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.4737, 0.3083, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1480, 0.3000, 0.3374 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(129, 146, 141)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 141)  
}
```

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(129, 146, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 141) }
```

Border

The CSS property to change the border of an element to Yxy 27.1480, 0.3000, 0.3374 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(129, 146, 141) }
```

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

```
.border{ border-color:rgb(129, 146, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 141);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1480, 0.3000, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 141) }
```

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

```
.background{ background-color: rgb(129,  
146, 141) }
```

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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