

Converting Colors

$Y_{xy}(43.3225, 0.2814, 0.3007)$

Have a look what the booklet for
Yxy(43.3225, 0.2814, 0.3007)
contains.

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Color

Yxy(43.3352, 0.2812, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	9FB2C7
RGB	159, 178, 199
RGB Percent	62%, 70%, 78%
CMY	0.3765, 0.3019, 0.2196
CMYK	0.20, 0.11, 0.00, 0.22
HSL	211°, 26%, 70%
HSV	211°, 20%, 78%
XYZ	40.5250, 43.3352, 60.2542
YIQ	174.7130, -18.0650, 2.5030

Conversions

Conversions Part 2

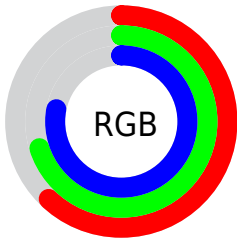
Format	Color
R _Y B	159, 172, 199
Decimal	10465991
CIE Lab	71.78, -2.04, -12.85
CIE LCh	72, 13.013, 260.964
Yxy	43.3352, 0.2812, 0.3007
Android (android.graphics.Color)	4288656071 (0xFF9FB2C7)
YUV	174.7130, 11.9735, -13.7803
Hunter-Lab	65.8295, -5.3161, -8.1880

Details

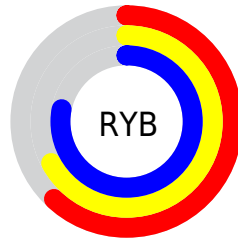
The Yxy color **43.3352, 0.2812, 0.3007** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.2766, 0.3471, 0.3557**, and the grayscale version is **42.6578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3618, 0.2873, 0.3071**, and **19.8374, 0.2722, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **37.4661, 0.2648, 0.2843**, and if you desaturate by 10%, it is **49.8515, 0.2972, 0.3156**.

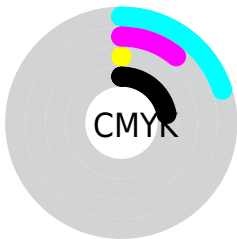
Distribution



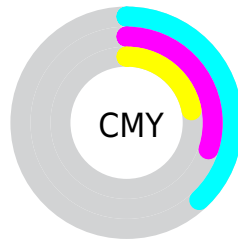
- Red (62%)
- Green (70%)
- Blue (78%)



- Red (62%)
- Yellow (67%)
- Blue (78%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3352, 0.2812, 0.3007 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 43.3352, 0.2812, 0.3007 by changing the saturation by 10% instead.


 43.3352, 0.2812,
0.3007


 43.3352, 0.2812,
0.3007


359.9885, 0.2970,
0.3150

 30.1482, 0.2772,
0.2971


 80.2164, 0.2870,
0.3059

 19.9511, 0.2722,
0.2924


 104.6795, 0.2891,
0.3079

 12.3595, 0.2654,
0.2862


133.6700, 0.2909,
0.3095

 6.9890, 0.2559,
0.2774

167.5724, 0.2925,
0.3109

 3.4552, 0.2418,
0.2643

206.7710, 0.2939,
0.3122

 1.3738, 0.2189,
0.2425

251.6503, 0.2950,

 0.1973, 0.0945,

0.3132

302.5947, 0.2961,
0.3142

0.1355

0.0000, 0.0000,
0.0000

43.3352, 0.2812,
0.3007

43.3352, 0.2812,
0.3007

37.4661, 0.2648,
0.2843

49.8515, 0.2972,
0.3156

32.2163, 0.2483,
0.2665

57.0310, 0.3126,
0.3289

27.5633, 0.2322,
0.2474

64.8958, 0.3271,
0.3407

23.4812, 0.2170,
0.2274

73.4653, 0.3408,
0.3512

19.9414, 0.2032,
0.2069

82.0901, 0.3510,
0.3606

■ 16.9125, 0.1913,
0.1866

■ 88.0825, 0.3488,
0.3707

■ 14.3579, 0.1819,
0.1670

■ 94.4289, 0.3468,
0.3804

■ 12.2348, 0.1747,
0.1488

■ 96.9030, 0.3460,
0.3840

Harmonies

Analogous

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



43.3352, 0.2771, 0.3113



43.3352, 0.2812, 0.3007



43.3352, 0.2936, 0.2977

Triad

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



43.3352, 0.2812, 0.3007



43.3352, 0.3442, 0.3293



43.3352, 0.3132, 0.3574

Complementary

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



43.3352, 0.2812, 0.3007



47.2766, 0.3471, 0.3557

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.



43.3352, 0.3315, 0.3619



43.3352, 0.2812, 0.3007



43.3352, 0.3497, 0.3450

Square

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



43.3352, 0.2812, 0.3007



43.3352, 0.3300, 0.3141



43.3352, 0.3449, 0.3571



43.3352, 0.2953, 0.3446

Rectangle

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



43.3352, 0.2812, 0.3007



43.3352, 0.3051, 0.3002



43.3352, 0.3449, 0.3571



43.3352, 0.3195, 0.3600

Sweetspot

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



43.3370, 0.2812, 0.3007



92.1980, 0.3035, 0.3211



51.4936, 0.2958, 0.3549



19.5581, 0.3024, 0.3202



0.0000, 0.0000, 0.0000



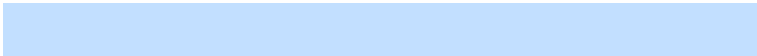
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3370, 0.2812, 0.3007



71.3813, 0.2743, 0.2939



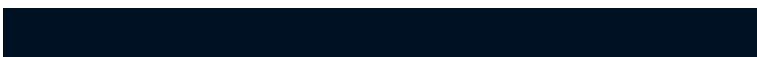
36.3559, 0.2801, 0.2742



11.1053, 0.2983, 0.3166



8.0411, 0.1754, 0.1512



0.5256, 0.1863, 0.1905

Inverse Universe

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



40.1495, 0.3340, 0.3049



65.0766, 0.3396, 0.2995



55.3946, 0.3421, 0.3786



10.7195, 0.3217, 0.3181



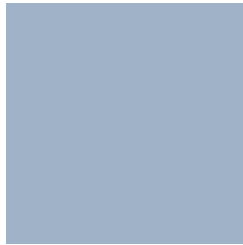
8.3517, 0.5043, 0.2552



0.4101, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 43.3352, 0.2812, 0.3007 looks on a white background.

Color Contrast Check

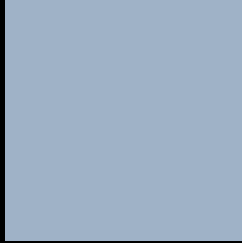
Large Text (above 18pt) WCAG AA × Fail

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 43.3352, 0.2812, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

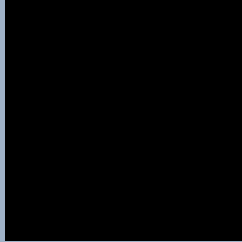
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

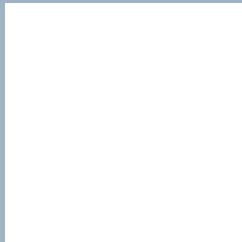
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3352, 0.2812, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 43.3352, 0.2812, 0.3007.



This preview shows how white text looks on a background with the Yxy color 43.3352, 0.2812, 0.3007.

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

43.3352, 0.2812, 0.3007

Protanopia

43.1876, 0.2936, 0.2988

Deuteranopia

43.1197, 0.2980, 0.2917



Tritanopia

43.3596, 0.2848, 0.3099

Trichromacy



Original Color

43.3352, 0.2812, 0.3007

Protanomaly

43.0620, 0.2888, 0.2985

Deuteranomaly

43.3265, 0.2914, 0.2950

Tritanomaly

43.4494, 0.2833, 0.3072

Monochromacy



Original Color

43.3352, 0.2812, 0.3007

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9464, 0.3003, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3352, 0.2812, 0.3007 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(159, 178, 199)` looks like.

```
.text, #text, p{  
    color:rgb(159, 178, 199)  
}
```

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(159, 178, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 178, 199) }
```

Border

The CSS property to change the border of an element to Yxy 43.3352, 0.2812, 0.3007 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(159, 178, 199) }
```

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

```
.border{ border-color:rgb(159, 178, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 178, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 178, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 178, 199); box-shadow:4px 4px 4px 4px rgb(159, 178, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3352, 0.2812, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 178, 199) }
```

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

```
.background{ background-color: rgb(159,  
178, 199) }
```

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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