

Converting Colors

$Y_{xy}(43.6732, 0.2863, 0.3139)$

Have a look what the booklet for
Yxy(43.6732, 0.2863, 0.3139)
contains.

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Color

Yxy(43.6732, 0.2863, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	9EB4BF
RGB	158, 180, 191
RGB Percent	62%, 71%, 75%
CMY	0.3802, 0.2942, 0.2509
CMYK	0.17, 0.06, 0.00, 0.25
HSL	200°, 20%, 68%
HSV	200°, 17%, 75%
XYZ	39.8332, 43.6732, 55.6245
YIQ	174.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

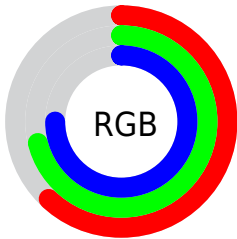
Format	Color
RYB	158, 171, 191
Decimal	10400959
CIELab	72.01, -5.18, -8.14
CIELCh	72, 9.649, 237.540
Yxy	43.6732, 0.2863, 0.3139
Android (android.graphics.Color)	4288591039 (0xFF9EB4BF)
YUV	174.6760, 8.0477, -14.6249
Hunter-Lab	66.0857, -8.0590, -3.6446

Details

The Yxy color **43.6732, 0.2863, 0.3139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9479, 0.3429, 0.3436**, and the grayscale version is **42.6627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8524, 0.2913, 0.3174**, and **20.0779, 0.2781, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **39.3669, 0.2710, 0.3040**, and if you desaturate by 10%, it is **48.4030, 0.3017, 0.3230**.

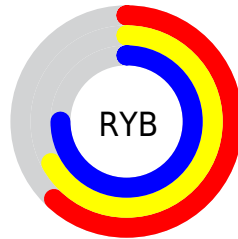
Distribution



Red (62%)

Green (71%)

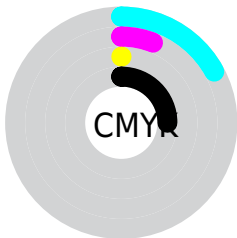
Blue (75%)



Red (62%)

Yellow (67%)

Blue (75%)

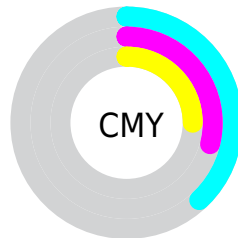


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (38%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6732, 0.2863, 0.3139 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 43.6732, 0.2863, 0.3139 by changing the saturation by 10% instead.


 43.6732, 0.2863,
0.3139

 43.6732, 0.2863,
0.3139

361.3730, 0.2996,
0.3216

 30.4137, 0.2830,
0.3119


 80.7258, 0.2911,
0.3167

 20.1528, 0.2787,
0.3093


 105.2876, 0.2929,
0.3178

 12.5062, 0.2730,
0.3059


134.3856, 0.2945,
0.3187

 7.0894, 0.2650,
0.3009

168.4043, 0.2958,
0.3195

 3.5181, 0.2531,
0.2932

207.7280, 0.2969,
0.3201

 1.4078, 0.2334,
0.2800

252.7411, 0.2979,

 0.2225, 0.0760,

0.3207

0.1988

303.8279, 0.2988,
0.3212

0.0000, 0.0000,
0.0000

43.6732, 0.2863,
0.3139

43.6732, 0.2863,
0.3139

39.3669, 0.2710,
0.3040

48.4030, 0.3017,
0.3230

35.4631, 0.2562,
0.2932

53.5653, 0.3169,
0.3312

31.9472, 0.2421,
0.2817

59.1757, 0.3317,
0.3385

28.8011, 0.2291,
0.2695

65.2472, 0.3460,
0.3450

26.0053, 0.2177,
0.2570

71.7922, 0.3597,
0.3507

■ 23.5375, 0.2080,
0.2443

■ 75.3195, 0.3593,
0.3570

■ 21.3722, 0.2004,
0.2315

■ 78.7009, 0.3578,
0.3634

■ 19.4741, 0.1947,
0.2190

■ 82.2113, 0.3562,
0.3696

■ 18.9830, 0.1932,
0.2156

■ 85.8521, 0.3547,
0.3757

Harmonies

Analogous

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



43.6732, 0.2886, 0.3252



43.6732, 0.2863, 0.3139



43.6732, 0.2909, 0.3070

Triad

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



43.6732, 0.2863, 0.3139



43.6732, 0.3282, 0.3203



43.6732, 0.3239, 0.3531

Complementary

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



43.6732, 0.2863, 0.3139



41.9479, 0.3429, 0.3436

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.



43.6732, 0.3348, 0.3511



43.6732, 0.2863, 0.3139



43.6732, 0.3374, 0.3320

Square

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



43.6732, 0.2863, 0.3139



43.6732, 0.3149, 0.3108



43.6732, 0.3399, 0.3433



43.6732, 0.3101, 0.3482

Rectangle

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



43.6732, 0.2863, 0.3139



43.6732, 0.2973, 0.3057



43.6732, 0.3399, 0.3433



43.6732, 0.3280, 0.3532

Sweetspot

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



43.6750, 0.2863, 0.3139



88.6269, 0.3050, 0.3248



47.4051, 0.3025, 0.3594



19.3211, 0.3039, 0.3242



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.6750, 0.2863, 0.3139



74.9802, 0.2801, 0.3100



37.4232, 0.2852, 0.2907



10.2576, 0.2985, 0.3212



12.6273, 0.1937, 0.2173



0.6104, 0.2020, 0.2472

Inverse Universe

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



38.8426, 0.3246, 0.3005



64.7630, 0.3279, 0.2935



48.4615, 0.3394, 0.3646



9.6406, 0.3187, 0.3138



8.3044, 0.4262, 0.2121



0.3370, 0.3951, 0.1950

Previews

White Background



This preview shows how the Yxy color 43.6732, 0.2863, 0.3139 looks on a white background.

Color Contrast Check

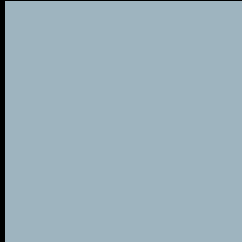
Large Text (above 18pt) WCAG AA × Fail

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 43.6732, 0.2863, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

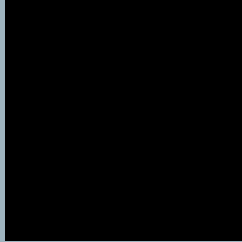
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

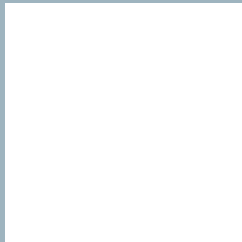
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6732, 0.2863, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 43.6732, 0.2863, 0.3139.



This preview shows how white text looks on a background with the Yxy color 43.6732, 0.2863, 0.3139.

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

43.6732, 0.2863, 0.3139

Protanopia

43.5209, 0.3031, 0.3118

Deuteranopia

43.4152, 0.3079, 0.3008



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

43.6732, 0.2863, 0.3139

Protanomaly

43.5534, 0.2965, 0.3129

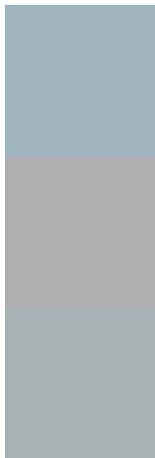
Deuteranomaly

43.3080, 0.3000, 0.3053

Tritanomaly

43.8637, 0.2856, 0.3113

Monochromacy



Original Color

43.6732, 0.2863, 0.3139

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2155, 0.3027, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6732, 0.2863, 0.3139 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(158, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(158, 180, 191)  
}
```

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(158, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 180, 191) }
```

Border

The CSS property to change the border of an element to Yxy 43.6732, 0.2863, 0.3139 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(158, 180, 191) }
```

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

```
.border{ border-color:rgb(158, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(158, 180,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6732, 0.2863, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 180, 191) }
```

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

```
.background{ background-color: rgb(158,  
180, 191) }
```

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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