

Converting Colors

$Yxy(42.9576, 0.2944, 0.3290)$

Have a look what the booklet for
Yxy(42.9576, 0.2944, 0.3290)
contains.

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Color

Yxy(43.1663, 0.2951, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	9EB4B3
RGB	158, 180, 179
RGB Percent	62%, 71%, 70%
CMY	0.3802, 0.2942, 0.2980
CMYK	0.12, 0.00, 0.01, 0.29
HSL	177°, 13%, 66%
HSV	177°, 12%, 71%
XYZ	38.5661, 43.1663, 48.9558
YIQ	173.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

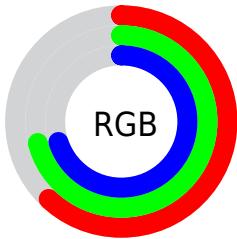
Format	Color
R _Y B	158, 169, 180
Decimal	10400947
CIE Lab	71.67, -7.72, -2.07
CIE LCh	72, 7.988, 195.000
Yxy	43.1663, 0.2951, 0.3303
Android (android.graphics.Color)	4288591027 (0xFF9EB4B3)
YUV	173.3080, 2.8062, -13.4251
Hunter-Lab	65.7011, -10.1986, 1.8120

Details

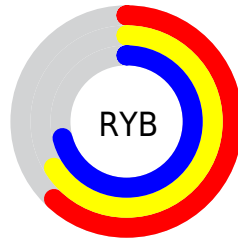
The Yxy color **43.1663, 0.2951, 0.3303** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6750, 0.3334, 0.3277**, and the grayscale version is **41.9497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1352, 0.2983, 0.3300**, and **19.7493, 0.2898, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **41.4416, 0.2816, 0.3315**, and if you desaturate by 10%, it is **45.1621, 0.3095, 0.3292**.

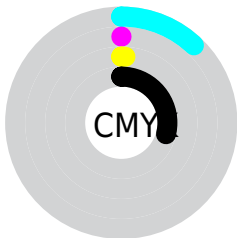
Distribution



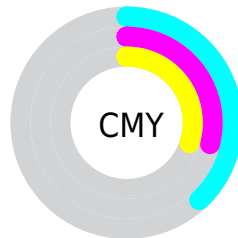
- Red (62%)
- Green (71%)
- Blue (70%)



- Red (62%)
- Yellow (66%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)




- Cyan (38%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1663, 0.2951, 0.3303 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 43.1663, 0.2951, 0.3303 by changing the saturation by 10% instead.

 43.1663, 0.2951,
0.3303


 43.1663, 0.2951,
0.3303


359.2952, 0.3040,
0.3297

 30.0156, 0.2929,
0.3304


 79.9618, 0.2984,
0.3301

 19.8504, 0.2899,
0.3306


 104.3753, 0.2996,
0.3300

 12.2864, 0.2860,
0.3308


133.3120, 0.3006,
0.3299

 6.9390, 0.2805,
0.3311

167.1561, 0.3015,
0.3299

 3.4240, 0.2722,
0.3314

206.2921, 0.3022,
0.3298

 1.3569, 0.2580,
0.3318

251.1043, 0.3029,

 0.1846, 0.0000,

0.3298

0.3482

301.9773, 0.3035,
0.3297

0.0000, 0.0000,
0.0000

43.1663, 0.2951,
0.3303

43.1663, 0.2951,
0.3303

41.4416, 0.2816,
0.3315

45.1621, 0.3095,
0.3292

39.9712, 0.2691,
0.3327

47.4345, 0.3244,
0.3282

38.7442, 0.2581,
0.3341

49.9956, 0.3396,
0.3274

37.7474, 0.2487,
0.3355

52.8551, 0.3549,
0.3266

36.9659, 0.2410,
0.3369

56.0223, 0.3700,
0.3259

■ 36.3833, 0.2353,
0.3383

■ 57.3518, 0.3753,
0.3252

■ 35.9807, 0.2314,
0.3398

■ 57.3854, 0.3746,
0.3243

■ 35.7356, 0.2293,
0.3412

■ 57.4191, 0.3739,
0.3235

■ 35.6178, 0.2284,
0.3424

■ 57.4531, 0.3732,
0.3227

Harmonies

Analogous

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



43.1663, 0.3041, 0.3403



43.1663, 0.2951, 0.3303



43.1663, 0.2908, 0.3201

Triad

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



43.1663, 0.2951, 0.3303



43.1663, 0.3096, 0.3116



43.1663, 0.3335, 0.3452

Complementary

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



43.1663, 0.2951, 0.3303



36.6750, 0.3334, 0.3277

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.



43.1663, 0.3352, 0.3373



43.1663, 0.2951, 0.3303



43.1663, 0.3212, 0.3181

Square

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



43.1663, 0.2951, 0.3303



43.1663, 0.2991, 0.3096



43.1663, 0.3306, 0.3274



43.1663, 0.3263, 0.3490

Rectangle

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



43.1663, 0.2951, 0.3303



43.1663, 0.2911, 0.3147



43.1663, 0.3306, 0.3274



43.1663, 0.3348, 0.3429

Sweetspot

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



43.1681, 0.2951, 0.3303



81.1812, 0.3067, 0.3294



42.4947, 0.3122, 0.3603



17.4857, 0.3056, 0.3295



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.1681, 0.2951, 0.3303



77.2715, 0.2908, 0.3307



39.3613, 0.2941, 0.3150



9.6249, 0.2992, 0.3300



24.8643, 0.2284, 0.3422



0.7843, 0.2273, 0.3381

Inverse Universe

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



36.6750, 0.3334, 0.3277



62.8456, 0.3396, 0.3274



40.1484, 0.3326, 0.3426



8.5112, 0.3280, 0.3280



6.7872, 0.6342, 0.3267



0.2156, 0.6106, 0.3137

Previews

White Background



This preview shows how the Yxy color 43.1663, 0.2951, 0.3303 looks on a white background.

Color Contrast Check

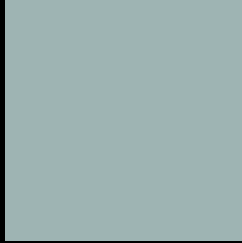
Large Text (above 18pt) WCAG AA × Fail

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 43.1663, 0.2951, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

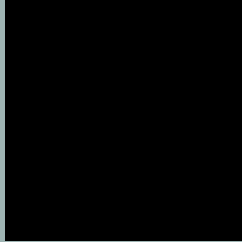
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

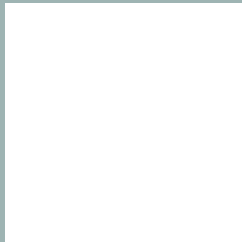
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1663, 0.2951, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 43.1663, 0.2951, 0.3303.



This preview shows how white text looks on a background with the Yxy color 43.1663, 0.2951, 0.3303.

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

43.1663, 0.2951, 0.3303

Protanopia

42.8717, 0.3146, 0.3263

Deuteranopia

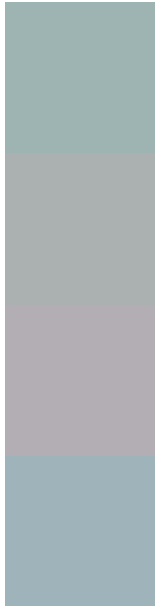
43.0328, 0.3215, 0.3148



Tritanopia

43.1201, 0.2870, 0.3099

Trichromacy



Original Color

43.1663, 0.2951, 0.3303

Protanomaly

42.8829, 0.3076, 0.3276

Deuteranomaly

43.0324, 0.3113, 0.3210

Tritanomaly

43.1990, 0.2899, 0.3180

Monochromacy



Original Color

43.1663, 0.2951, 0.3303

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4706, 0.3066, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1663, 0.2951, 0.3303 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(158, 180, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 180, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.1663, 0.2951, 0.3303 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, 179) }
```

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

```
.border{ border-color:rgb(158, 180, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(158, 180,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1663, 0.2951, 0.3303 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, 179) }
```

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

```
.background{ background-color: rgb(158,  
180, 179) }
```

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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