

Converting Colors

$Y_{xy}(42.9257, 0.3042, 0.3309)$

Have a look what the booklet for
Yxy(42.9257, 0.3042, 0.3309)
contains.

Yxy(43.0824, 0.3040, 0.3317)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0824, 0.3040, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	A6B2B0
RGB	166, 178, 176
RGB Percent	65%, 70%, 69%
CMY	0.3490, 0.3020, 0.3097
CMYK	0.07, 0.00, 0.01, 0.30
HSL	170°, 7%, 67%
HSV	170°, 7%, 70%
XYZ	39.4846, 43.0824, 47.3166
YIQ	174.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

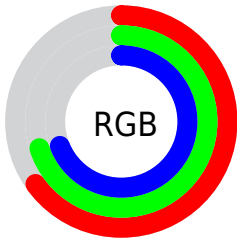
Format	Color
RYB	166, 173, 178
Decimal	10924720
CIELab	71.61, -4.55, -0.44
CIElCh	72, 4.576, 185.466
Yxy	43.0824, 0.3040, 0.3317
Android (android.graphics.Color)	4289114800 (0xFFA6B2B0)
YUV	174.1840, 0.8953, -7.1774
Hunter-Lab	65.6372, -7.4868, 3.2050

Details

The Yxy color **43.0824, 0.3040, 0.3317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5665, 0.3222, 0.3263**, and the grayscale version is **42.4265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0440, 0.3053, 0.3311**, and **19.6999, 0.3008, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **41.1763, 0.2915, 0.3360**, and if you desaturate by 10%, it is **45.2609, 0.3170, 0.3278**.

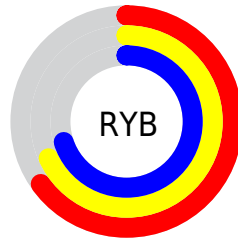
Distribution



Red (65%)

Green (70%)

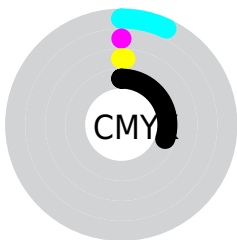
Blue (69%)



Red (65%)

Yellow (68%)

Blue (70%)

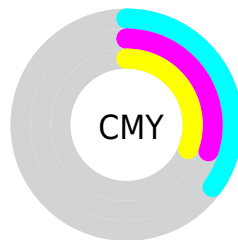


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (30%)



Cyan (35%)


Magenta (30%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0824, 0.3040, 0.3317 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 43.0824, 0.3040, 0.3317 by changing the saturation by 10% instead.


 43.0824, 0.3040,
0.3317


 43.0824, 0.3040,
0.3317


358.9505, 0.3084,
0.3304

 29.9498, 0.3029,
0.3320


 79.8352, 0.3056,
0.3312

 19.8005, 0.3014,
0.3325


 104.2241, 0.3062,
0.3310

 12.2501, 0.2995,
0.3331


133.1340, 0.3067,
0.3309

 6.9142, 0.2967,
0.3339

166.9491, 0.3072,
0.3307

 3.4085, 0.2925,
0.3352

206.0540, 0.3075,
0.3306

 1.3485, 0.2852,
0.3373

250.8329, 0.3079,

 0.1783, 0.1264,

0.3305

0.3866

301.6703, 0.3082,
0.3304

0.0000, 0.0000,
0.0000

43.0824, 0.3040,
0.3317

43.0824, 0.3040,
0.3317

41.1763, 0.2915,
0.3360

45.2609, 0.3170,
0.3278

39.5263, 0.2798,
0.3408

47.7167, 0.3303,
0.3242

38.1226, 0.2692,
0.3458

50.4612, 0.3436,
0.3211

36.9526, 0.2599,
0.3512

53.5037, 0.3567,
0.3183

36.0026, 0.2521,
0.3568

56.8519, 0.3696,
0.3158

■ 35.2578, 0.2462,
0.3626

■ 56.9827, 0.3670,
0.3128

■ 34.7009, 0.2421,
0.3684

■ 57.1161, 0.3644,
0.3097

■ 34.3124, 0.2399,
0.3743

■ 57.2522, 0.3618,
0.3067

■ 34.0648, 0.2395,
0.3801

■ 57.3909, 0.3592,
0.3037

Harmonies

Analogous

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



43.0824, 0.3098, 0.3370



43.0824, 0.3040, 0.3317



43.0824, 0.3005, 0.3257

Triad

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



43.0824, 0.3040, 0.3317



43.0824, 0.3089, 0.3183



43.0824, 0.3253, 0.3371

Complementary

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



43.0824, 0.3040, 0.3317



39.5665, 0.3222, 0.3263

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.



43.0824, 0.3251, 0.3321



43.0824, 0.3040, 0.3317



43.0824, 0.3156, 0.3213

Square

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



43.0824, 0.3040, 0.3317



43.0824, 0.3034, 0.3181



43.0824, 0.3215, 0.3263



43.0824, 0.3221, 0.3401

Rectangle

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



43.0824, 0.3040, 0.3317



43.0824, 0.3000, 0.3222



43.0824, 0.3215, 0.3263



43.0824, 0.3256, 0.3356

Sweetspot

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



43.0842, 0.3040, 0.3317



79.9243, 0.3101, 0.3298



42.9202, 0.3137, 0.3456



17.7166, 0.3102, 0.3298



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.



43.0842, 0.3040, 0.3317



77.6162, 0.3022, 0.3323



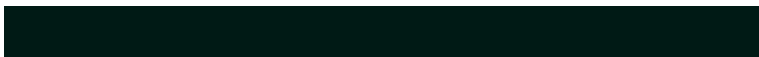
41.5953, 0.3025, 0.3235



9.6069, 0.3007, 0.3328



24.3325, 0.2393, 0.3814



0.7720, 0.2348, 0.3651

Inverse Universe

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



39.5665, 0.3222, 0.3263



69.9844, 0.3243, 0.3257



40.9696, 0.3235, 0.3345



8.5275, 0.3262, 0.3253



6.8439, 0.6132, 0.3151



0.2223, 0.5456, 0.2779

Previews

White Background



This preview shows how the Yxy color 43.0824, 0.3040, 0.3317 looks on a white background.

Color Contrast Check

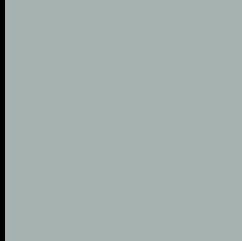
Large Text (above 18pt) WCAG AA × Fail

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 43.0824, 0.3040, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

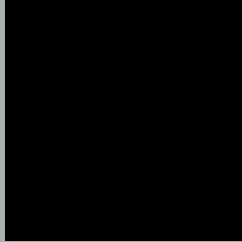
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

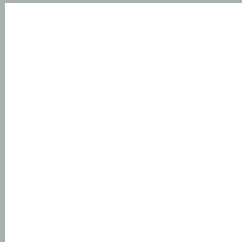
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0824, 0.3040, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 43.0824, 0.3040, 0.3317.



This preview shows how white text looks on a background with the Yxy color 43.0824, 0.3040, 0.3317.

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

43.0824, 0.3040, 0.3317

Protanopia

42.9118, 0.3172, 0.3290

Deuteranopia

43.0402, 0.3250, 0.3187



Tritanopia

43.0932, 0.2949, 0.3102

Trichromacy



Original Color

43.0824, 0.3040, 0.3317

Protanomaly

42.7538, 0.3118, 0.3290

Deuteranomaly

43.0065, 0.3174, 0.3237

Tritanomaly

43.1626, 0.2979, 0.3181

Monochromacy



Original Color

43.0824, 0.3040, 0.3317

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4130, 0.3092, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0824, 0.3040, 0.3317 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(166, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(166, 178, 176)  
}
```

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(166, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 178, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.0824, 0.3040, 0.3317 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(166, 178, 176) }
```

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

```
.border{ border-color:rgb(166, 178, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(166, 178,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0824, 0.3040, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 178, 176) }
```

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

```
.background{ background-color: rgb(166,  
178, 176) }
```

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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