

Converting Colors

$Y_{xy}(47.2264, 0.3036, 0.3177)$

Have a look what the booklet for
Yxy(47.2264, 0.3036, 0.3177)
contains.

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Color

Yxy(47.3319, 0.3040, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	B4B7BF
RGB	180, 183, 191
RGB Percent	71%, 72%, 75%
CMY	0.2943, 0.2823, 0.2511
CMYK	0.06, 0.04, 0.00, 0.25
HSL	223°, 8%, 73%
HSV	223°, 6%, 75%
XYZ	45.1487, 47.3319, 56.0349
YIQ	183.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

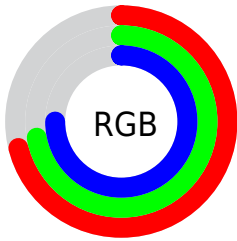
Format	Color
RYB	180, 182, 191
Decimal	11843519
CIELab	74.40, 0.46, -4.41
CIELCh	74, 4.434, 276.017
Yxy	47.3319, 0.3040, 0.3187
Android (android.graphics.Color)	4290033599 (0xFFB4B7BF)
YUV	183.0150, 3.9366, -2.6442
Hunter-Lab	68.7982, -3.2564, -0.1319

Details

The Yxy color **47.3319, 0.3040, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2933, 0.3215, 0.3391**, and the grayscale version is **47.3389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2813, 0.3059, 0.3209**, and **22.3123, 0.3009, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **39.7900, 0.2879, 0.2991**, and if you desaturate by 10%, it is **55.7498, 0.3188, 0.3361**.

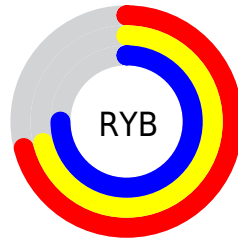
Distribution



Red (71%)

Green (72%)

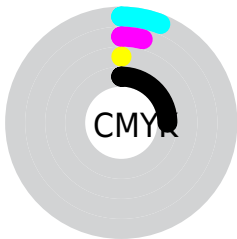
Blue (75%)



Red (71%)

Yellow (71%)

Blue (75%)

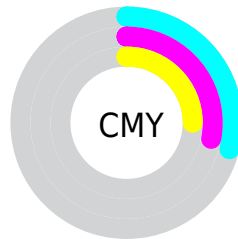


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3319, 0.3040, 0.3187 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 47.3319, 0.3040, 0.3187 by changing the saturation by 10% instead.

■ 47.3319, 0.3040,
0.3187

■ 47.3319, 0.3040,
0.3187

376.1378, 0.3083,
0.3238

■ 33.2981, 0.3029,
0.3174

■ 86.2088, 0.3056,
0.3206

■ 22.3549, 0.3015,
0.3158

111.8208, 0.3062,
0.3213

■ 14.1179, 0.2997,
0.3136

142.0609, 0.3067,
0.3219

■ 8.2027, 0.2971,
0.3106

177.3135, 0.3071,
0.3224

■ 4.2249, 0.2933,
0.3061

217.9632, 0.3075,
0.3228

■ 1.8002, 0.2869,
0.2987

264.3942, 0.3078,

■ 0.4873, 0.2635,

0.3232

0.2706

316.9909, 0.3081,
0.3235

0.0000, 0.0000,
0.0000

47.3319, 0.3040,
0.3187

47.3319, 0.3040,
0.3187

39.7900, 0.2879,
0.2991

55.7498, 0.3188,
0.3361

33.0894, 0.2707,
0.2772

65.0652, 0.3323,
0.3513

27.2017, 0.2527,
0.2532

75.3060, 0.3445,
0.3646

22.0948, 0.2342,
0.2273

86.2424, 0.3546,
0.3764

17.7340, 0.2160,
0.2002

94.5788, 0.3515,
0.3892

■ 14.0821, 0.1989,
0.1729

■ 96.5408, 0.3508,
0.3920

■ 11.0984, 0.1838,
0.1466

■ 8.7372, 0.1715,
0.1226

■ 6.9451, 0.1627,
0.1021

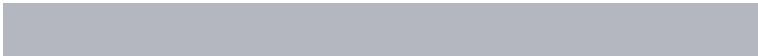
Harmonies

Analogous

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



47.3319, 0.3011, 0.3212



47.3319, 0.3040, 0.3187



47.3319, 0.3093, 0.3189

Triad

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



47.3319, 0.3040, 0.3187



47.3319, 0.3243, 0.3320



47.3319, 0.3099, 0.3364

Complementary

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



47.3319, 0.3040, 0.3187



50.2933, 0.3215, 0.3391

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.



47.3319, 0.3161, 0.3393



47.3319, 0.3040, 0.3187



47.3319, 0.3245, 0.3367

Square

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



47.3319, 0.3040, 0.3187



47.3319, 0.3210, 0.3266



47.3319, 0.3215, 0.3394



47.3319, 0.3044, 0.3314

Rectangle

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



47.3319, 0.3040, 0.3187



47.3319, 0.3134, 0.3206



47.3319, 0.3215, 0.3394



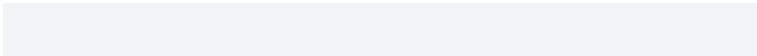
47.3319, 0.3119, 0.3377

Sweetspot

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



47.3339, 0.3040, 0.3187



90.2557, 0.3097, 0.3255



50.5749, 0.3062, 0.3330



19.8525, 0.3099, 0.3256



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.



47.3339, 0.3040, 0.3187



82.9030, 0.3019, 0.3162



46.3683, 0.3061, 0.3148



9.9602, 0.3014, 0.3155



4.2780, 0.1602, 0.0968



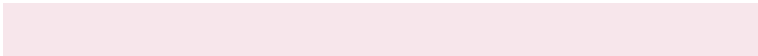
0.2820, 0.1741, 0.1467

Inverse Universe

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



47.1150, 0.3198, 0.3251



82.4414, 0.3215, 0.3242



51.3130, 0.3192, 0.3430



9.9023, 0.3220, 0.3239



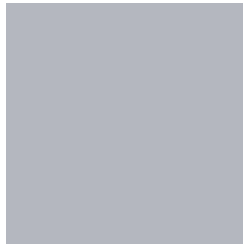
7.4616, 0.5808, 0.2973



0.3038, 0.5102, 0.2584

Previews

White Background



This preview shows how the Yxy color 47.3319, 0.3040, 0.3187 looks on a white background.

Color Contrast Check

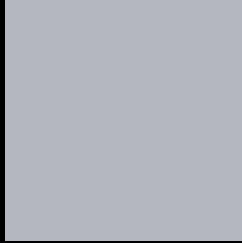
Large Text (above 18pt) WCAG AA × Fail

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 47.3319, 0.3040, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

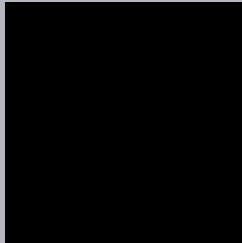
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

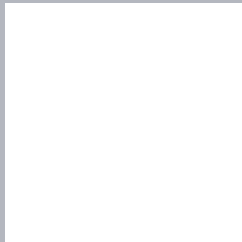
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3319, 0.3040, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 47.3319, 0.3040, 0.3187.

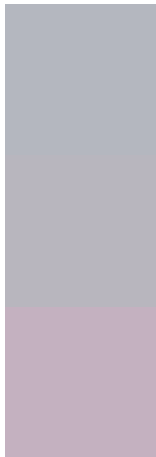


This preview shows how white text looks on a background with the Yxy color 47.3319, 0.3040, 0.3187.

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

47.3319, 0.3040, 0.3187

Protanopia

47.3639, 0.3081, 0.3187

Deuteranopia

46.9858, 0.3171, 0.3104



Tritanopia

47.3109, 0.3003, 0.3098

Trichromacy



Original Color

47.3319, 0.3040, 0.3187

Protanomaly

47.2409, 0.3073, 0.3187

Deuteranomaly

46.9931, 0.3118, 0.3126

Tritanomaly

47.2198, 0.3018, 0.3123

Monochromacy



Original Color

47.3319, 0.3040, 0.3187

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3572, 0.3095, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3319, 0.3040, 0.3187 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(180, 183, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 183, 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(180, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 183, 191) }
```

Border

The CSS property to change the border of an element to Yxy 47.3319, 0.3040, 0.3187 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(180, 183, 191) }
```

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

```
.border{ border-color:rgb(180, 183, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 183, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 183, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 183,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3319, 0.3040, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 183, 191) }
```

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

```
.background{ background-color: rgb(180,  
183, 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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