

Converting Colors

$Yxy(47.3334, 0.3036, 0.3223)$

Have a look what the booklet for
Yxy(47.3334, 0.3036, 0.3223)
contains.

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Color

Yxy(47.4201, 0.3039, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	B2B8BD
RGB	178, 184, 189
RGB Percent	70%, 72%, 74%
CMY	0.3019, 0.2784, 0.2589
CMYK	0.06, 0.03, 0.00, 0.26
HSL	207°, 8%, 72%
HSV	207°, 6%, 74%
XYZ	44.6852, 47.4201, 54.9338
YIQ	182.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

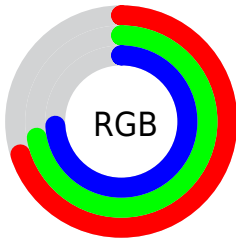
Format	Color
R _Y B	178, 182, 189
Decimal	11712701
CIE Lab	74.46, -1.12, -3.26
CIE LCh	74, 3.442, 251.065
Yxy	47.4201, 0.3039, 0.3225
Android (android.graphics.Color)	4289902781 (0xFFB2B8BD)
YUV	182.7760, 3.0684, -4.1886
Hunter-Lab	68.8623, -4.6791, 0.9059

Details

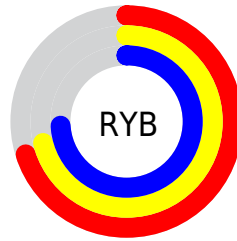
The Yxy color **47.4201, 0.3039, 0.3225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8931, 0.3218, 0.3354**, and the grayscale version is **47.2107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4052, 0.3058, 0.3239**, and **22.3701, 0.3007, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **41.8837, 0.2883, 0.3103**, and if you desaturate by 10%, it is **53.4844, 0.3189, 0.3334**.

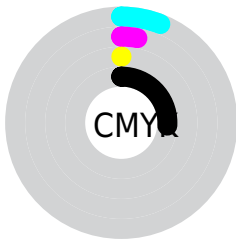
Distribution



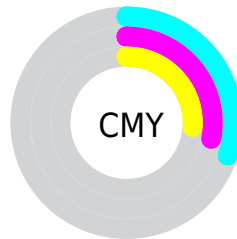
- Red (70%)
- Green (72%)
- Blue (74%)



- Red (70%)
- Yellow (71%)
- Blue (74%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4201, 0.3039, 0.3225 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 47.4201, 0.3039, 0.3225 by changing the saturation by 10% instead.

■ 47.4201, 0.3039,
0.3225

■ 47.4201, 0.3039,
0.3225

376.4889, 0.3083,
0.3258

■ 33.3679, 0.3028,
0.3217

■ 86.3404, 0.3055,
0.3237

■ 22.4084, 0.3014,
0.3206

111.9772, 0.3061,
0.3241

■ 14.1573, 0.2995,
0.3192

142.2444, 0.3066,
0.3245

■ 8.2302, 0.2970,
0.3173

177.5262, 0.3070,
0.3248

■ 4.2426, 0.2931,
0.3144

218.2072, 0.3074,
0.3251

■ 1.8102, 0.2868,
0.3095

264.6718, 0.3077,

■ 0.4935, 0.2598,

0.3254

0.2903

317.3042, 0.3080,
0.3256

0.0000, 0.0000,
0.0000

47.4201, 0.3039,
0.3225

47.4201, 0.3039,
0.3225

41.8837, 0.2883,
0.3103

53.4844, 0.3189,
0.3334

36.8528, 0.2725,
0.2968

60.0860, 0.3333,
0.3431

32.3122, 0.2566,
0.2821

67.2418, 0.3469,
0.3517

28.2435, 0.2411,
0.2663

74.9658, 0.3597,
0.3592

24.6270, 0.2264,
0.2496

79.8006, 0.3586,
0.3676

■ 21.4409, 0.2130,
0.2322

■ 84.6042, 0.3565,
0.3759

■ 18.6616, 0.2012,
0.2145

■ 89.6445, 0.3545,
0.3839

■ 16.2618, 0.1916,
0.1971

■ 94.9249, 0.3525,
0.3918

■ 14.2084, 0.1842,
0.1802

■ 96.4536, 0.3520,
0.3939

Harmonies

Analogous

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



47.4201, 0.3036, 0.3259



47.4201, 0.3039, 0.3225



47.4201, 0.3065, 0.3209

Triad

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



47.4201, 0.3039, 0.3225



47.4201, 0.3198, 0.3278



47.4201, 0.3146, 0.3368

Complementary

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



47.4201, 0.3039, 0.3225



47.8931, 0.3218, 0.3354

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.



47.4201, 0.3189, 0.3372



47.4201, 0.3039, 0.3225



47.4201, 0.3219, 0.3320

Square

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



47.4201, 0.3039, 0.3225



47.4201, 0.3157, 0.3240



47.4201, 0.3216, 0.3355



47.4201, 0.3097, 0.3342

Rectangle

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



47.4201, 0.3039, 0.3225



47.4201, 0.3093, 0.3210



47.4201, 0.3216, 0.3355



47.4201, 0.3161, 0.3372

Sweetspot

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



47.4221, 0.3039, 0.3225



88.9383, 0.3097, 0.3268



49.2718, 0.3083, 0.3368



19.1499, 0.3098, 0.3269



95.5105, 0.3127, 0.3290



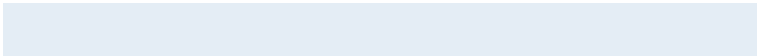
19.5994, 0.3127, 0.3290

Same Dimension

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



47.4221, 0.3039, 0.3225



83.6032, 0.3019, 0.3210



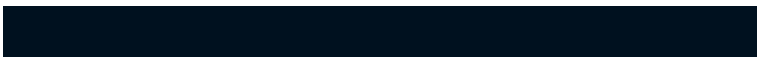
45.2006, 0.3040, 0.3153



10.3007, 0.3013, 0.3206



9.1887, 0.1821, 0.1754



0.4891, 0.1933, 0.2157

Inverse Universe

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



46.1206, 0.3174, 0.3213



80.7946, 0.3185, 0.3196



50.1855, 0.3212, 0.3423



9.9367, 0.3188, 0.3191



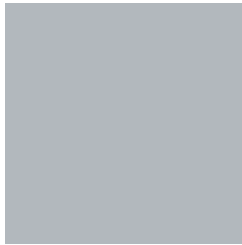
7.9573, 0.4741, 0.2385



0.3247, 0.4279, 0.2131

Previews

White Background



This preview shows how the Yxy color 47.4201, 0.3039, 0.3225 looks on a white background.

Color Contrast Check

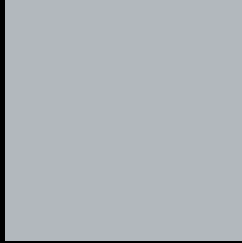
Large Text (above 18pt) WCAG AA × Fail

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 47.4201, 0.3039, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

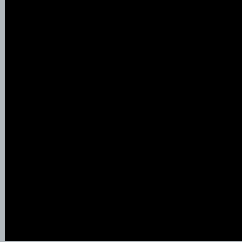
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

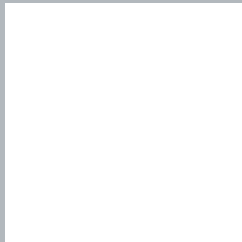
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4201, 0.3039, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 47.4201, 0.3039, 0.3225.



This preview shows how white text looks on a background with the Yxy color 47.4201, 0.3039, 0.3225.

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

47.4201, 0.3039, 0.3225

Protanopia

47.4010, 0.3105, 0.3213

Deuteranopia

47.0323, 0.3196, 0.3128



Tritanopia

47.4819, 0.2987, 0.3110

Trichromacy



Original Color

47.4201, 0.3039, 0.3225

Protanomaly

47.4429, 0.3080, 0.3225

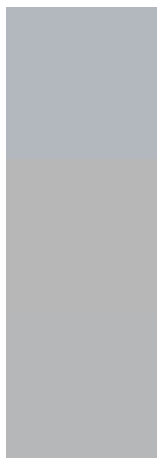
Deuteranomaly

47.3074, 0.3133, 0.3164

Tritanomaly

47.3457, 0.3009, 0.3148

Monochromacy



Original Color

47.4201, 0.3039, 0.3225

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1935, 0.3095, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4201, 0.3039, 0.3225 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(178, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(178, 184, 189)  
}
```

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(178, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 184, 189) }
```

Border

The CSS property to change the border of an element to Yxy 47.4201, 0.3039, 0.3225 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(178, 184, 189) }
```

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

```
.border{ border-color:rgb(178, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(178, 184,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4201, 0.3039, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 184, 189) }
```

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

```
.background{ background-color: rgb(178,  
184, 189) }
```

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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