

Converting Colors

$Y_{xy}(47.1575, 0.3082, 0.3213)$

Have a look what the booklet for
Yxy(47.1575, 0.3082, 0.3213)
contains.

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Color

Yxy(47.0318, 0.3080, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	B6B6BC
RGB	182, 182, 188
RGB Percent	71%, 71%, 74%
CMY	0.2863, 0.2863, 0.2626
CMYK	0.03, 0.03, 0.00, 0.26
HSL	240°, 4%, 73%
HSV	240°, 3%, 74%
XYZ	45.0990, 47.0318, 54.2945
YIQ	182.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

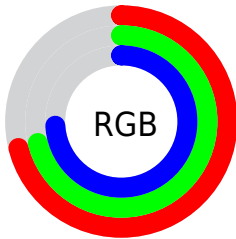
Format	Color
R _Y B	182, 182, 188
Decimal	11974332
CIE Lab	74.21, 1.15, -3.06
CIE LCh	74, 3.270, 290.529
Yxy	47.0318, 0.3080, 0.3212
Android (android.graphics.Color)	4290164412 (0xFFB6B6BC)
YUV	182.6840, 2.6208, -0.5999
Hunter-Lab	68.5797, -2.6305, 1.0660

Details

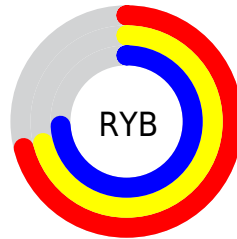
The Yxy color `47.0318, 0.3080, 0.3212` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.0521, 0.3174, 0.3367`, and the grayscale version is `47.1599, 0.3127, 0.3290`.

A 20% lighter version of the original color is `85.8579, 0.3091, 0.3230`, and `22.1169, 0.3063, 0.3184` is the 20% darker color. If you saturate the color by 10%, you get `37.7046, 0.2919, 0.2946`, and if you desaturate by 10%, it is `57.7045, 0.3220, 0.3444`.

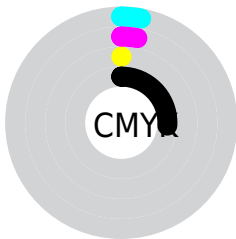
Distribution



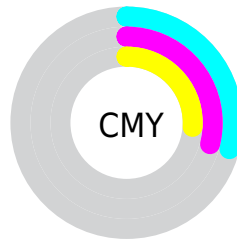
- Red (71%)
- Green (71%)
- Blue (74%)



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



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



- Cyan (29%)
- Magenta (29%)
- Yellow (26%)
- Black (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0318, 0.3080, 0.3212 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 47.0318, 0.3080, 0.3212 by changing the saturation by 10% instead.

■ 47.0318, 0.3080,
0.3212

■ 47.0318, 0.3080,
0.3212

374.9414, 0.3104,
0.3251

■ 33.0608, 0.3074,
0.3202

■ 85.7611, 0.3089,
0.3226

■ 22.1730, 0.3067,
0.3190

111.2882, 0.3092,
0.3231

■ 13.9841, 0.3056,
0.3173

141.4360, 0.3095,
0.3236

■ 8.1096, 0.3042,
0.3150

176.5891, 0.3097,
0.3240

■ 4.1652, 0.3021,
0.3116

217.1318, 0.3099,
0.3243

■ 1.7664, 0.2986,
0.3060

263.4485, 0.3101,

■ 0.4661, 0.2840,

0.3246

0.2810

315.9236, 0.3102,
0.3249

0.0000, 0.0000,
0.0000

47.0318, 0.3080,
0.3212

47.0318, 0.3080,
0.3212

37.7046, 0.2919,
0.2946

57.7045, 0.3220,
0.3444

29.6637, 0.2738,
0.2647

69.7668, 0.3342,
0.3645

22.8547, 0.2540,
0.2319

83.2682, 0.3446,
0.3817

17.2166, 0.2328,
0.1970

96.4122, 0.3526,
0.3949

12.6836, 0.2115,
0.1617

■ 9.1831, 0.1914,
0.1284

■ 6.6340, 0.1741,
0.0998

■ 4.9430, 0.1611,
0.0783

■ 3.9982, 0.1532,
0.0653

Harmonies

Analogous

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



47.0318, 0.3049, 0.3221



47.0318, 0.3080, 0.3212



47.0318, 0.3124, 0.3224

Triad

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



47.0318, 0.3080, 0.3212



47.0318, 0.3217, 0.3331



47.0318, 0.3085, 0.3328

Complementary

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



47.0318, 0.3080, 0.3212



50.0521, 0.3174, 0.3367

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.



47.0318, 0.3130, 0.3358



47.0318, 0.3080, 0.3212



47.0318, 0.3206, 0.3359

Square

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



47.0318, 0.3080, 0.3212



47.0318, 0.3203, 0.3292



47.0318, 0.3174, 0.3369



47.0318, 0.3052, 0.3288

Rectangle

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



47.0318, 0.3080, 0.3212



47.0318, 0.3155, 0.3241



47.0318, 0.3174, 0.3369



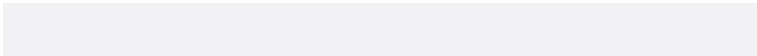
47.0318, 0.3100, 0.3340

Sweetspot

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



47.0338, 0.3080, 0.3212



89.2340, 0.3112, 0.3266



49.5568, 0.3078, 0.3290



19.2103, 0.3113, 0.3267



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.



47.0338, 0.3080, 0.3212



83.6652, 0.3067, 0.3191



47.4048, 0.3105, 0.3213



10.2202, 0.3058, 0.3175



2.4721, 0.1500, 0.0600



0.0968, 0.1500, 0.0600

Inverse Universe

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



47.7838, 0.3131, 0.3213



85.3781, 0.3132, 0.3193



49.6731, 0.3148, 0.3367



10.4632, 0.3132, 0.3178



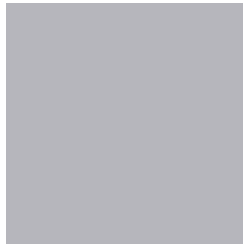
9.7510, 0.3209, 0.1542



0.3820, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 47.0318, 0.3080, 0.3212 looks on a white background.

Color Contrast Check

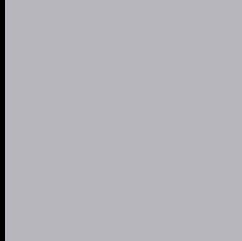
Large Text (above 18pt) WCAG AA × Fail

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 47.0318, 0.3080, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

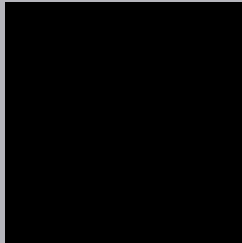
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0318, 0.3080, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 47.0318, 0.3080, 0.3212.



This preview shows how white text looks on a background with the Yxy color 47.0318, 0.3080, 0.3212.

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

47.0318, 0.3080, 0.3212

Protanopia

46.8689, 0.3097, 0.3200

Deuteranopia

46.9887, 0.3204, 0.3141



Tritanopia

47.0552, 0.3035, 0.3111

Trichromacy



Original Color

47.0318, 0.3080, 0.3212

Protanomaly

46.7459, 0.3089, 0.3200

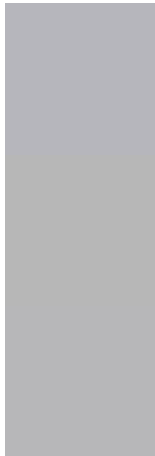
Deuteranomaly

47.1208, 0.3159, 0.3164

Tritanomaly

46.9208, 0.3058, 0.3149

Monochromacy



Original Color

47.0318, 0.3080, 0.3212

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4370, 0.3112, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0318, 0.3080, 0.3212 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(182, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 188)  
}
```

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(182, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 188) }
```

Border

The CSS property to change the border of an element to Yxy 47.0318, 0.3080, 0.3212 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(182, 182, 188) }
```

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

```
.border{ border-color:rgb(182, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 188);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0318, 0.3080, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 188) }
```

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

```
.background{ background-color: rgb(182,  
182, 188) }
```

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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