

Converting Colors

Yxy(47.5449, 0.3131, 0.3194)

Have a look what the booklet for
Yxy(47.5449, 0.3131, 0.3194)
contains.

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Color

Yxy(47.5407, 0.3132, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	BDB5BD
RGB	189, 181, 189
RGB Percent	74%, 71%, 74%
CMY	0.2589, 0.2902, 0.2589
CMYK	0.00, 0.04, 0.00, 0.26
HSL	300°, 6%, 73%
HSV	300°, 4%, 74%
XYZ	46.6910, 47.5407, 54.8455
YIQ	184.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

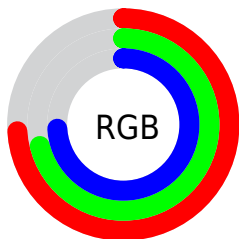
Format	Color
R _{YB}	189, 181, 189
Decimal	12432829
CIE Lab	74.53, 4.29, -3.04
CIE LCh	75, 5.253, 324.663
Yxy	47.5407, 0.3132, 0.3189
Android (android.graphics.Color)	4290622909 (0xFFBDB5BD)
YUV	184.3040, 2.3151, 4.1184
Hunter-Lab	68.9498, 0.2134, 1.1031

Details

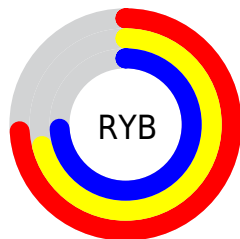
The Yxy color `47.5407, 0.3132, 0.3189` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.5525, 0.3122, 0.3393`, and the grayscale version is `48.0952, 0.3127, 0.3290`.

A 20% lighter version of the original color is `86.5734, 0.3131, 0.3211`, and `22.4502, 0.3134, 0.3152` is the 20% darker color. If you saturate the color by 10%, you get `40.3695, 0.3144, 0.2944`, and if you desaturate by 10%, it is `55.7586, 0.3121, 0.3425`.

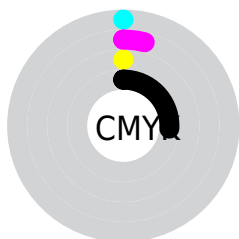
Distribution



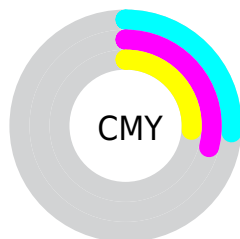
- Red (74%)
- Green (71%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5407, 0.3132, 0.3189 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 47.5407, 0.3132, 0.3189 by changing the saturation by 10% instead.

■ 47.5407, 0.3132,
0.3189

■ 47.5407, 0.3132,
0.3189

376.9687, 0.3130,
0.3239

■ 33.4633, 0.3132,
0.3177

■ 86.5202, 0.3131,
0.3207

■ 22.4816, 0.3133,
0.3161

112.1910, 0.3131,
0.3214

■ 14.2112, 0.3134,
0.3140

142.4951, 0.3131,
0.3220

■ 8.2677, 0.3135,
0.3111

177.8169, 0.3130,
0.3225

■ 4.2667, 0.3136,
0.3068

218.5408, 0.3130,
0.3229

■ 1.8239, 0.3138,
0.2999

265.0511, 0.3130,

■ 0.5020, 0.3157,

0.3233

0.2724

317.7323, 0.3130,
0.3236

0.0000, 0.0000,
0.0000

47.5407, 0.3132,
0.3189

47.5407, 0.3132,
0.3189

40.3695, 0.3144,
0.2944

55.7586, 0.3121,
0.3425

34.1971, 0.3156,
0.2697

65.0563, 0.3110,
0.3649

28.9811, 0.3167,
0.2454

75.4731, 0.3100,
0.3857

24.6736, 0.3179,
0.2225

86.0153, 0.3092,
0.4033

21.2228, 0.3189,
0.2019

86.0166, 0.3092,
0.4033

■ 18.5713, 0.3197,
0.1844

■ 86.0178, 0.3091,
0.4032

■ 16.6551, 0.3204,
0.1709

■ 86.0190, 0.3091,
0.4032

■ 15.4002, 0.3209,
0.1615

■ 86.0202, 0.3091,
0.4032

■ 14.7170, 0.3212,
0.1562

■ 86.0215, 0.3091,
0.4031

Harmonies

Analogous

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



47.5407, 0.3060, 0.3166



47.5407, 0.3132, 0.3189



47.5407, 0.3203, 0.3238

Triad

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



47.5407, 0.3132, 0.3189



47.5407, 0.3248, 0.3405



47.5407, 0.3002, 0.3277

Complementary

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



47.5407, 0.3132, 0.3189



49.5525, 0.3122, 0.3393

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.



47.5407, 0.3051, 0.3343



47.5407, 0.3132, 0.3189



47.5407, 0.3193, 0.3417

Square

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



47.5407, 0.3132, 0.3189



47.5407, 0.3271, 0.3362



47.5407, 0.3121, 0.3394



47.5407, 0.2986, 0.3216

Rectangle

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



47.5407, 0.3132, 0.3189



47.5407, 0.3240, 0.3279



47.5407, 0.3121, 0.3394



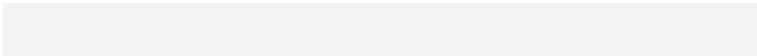
47.5407, 0.3015, 0.3300

Sweetspot

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



47.5427, 0.3132, 0.3189



89.6707, 0.3128, 0.3266



46.5510, 0.3065, 0.3187



19.2994, 0.3128, 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.



47.5427, 0.3132, 0.3189



83.9848, 0.3133, 0.3168



47.3724, 0.3164, 0.3239



10.3056, 0.3134, 0.3155



9.7432, 0.3213, 0.1544



0.3817, 0.3212, 0.1543

Inverse Universe

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



47.5427, 0.3132, 0.3189



83.9848, 0.3133, 0.3168



49.7181, 0.3092, 0.3341



10.3056, 0.3134, 0.3155



9.7432, 0.3213, 0.1544



0.3817, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 47.5407, 0.3132, 0.3189 looks on a white background.

Color Contrast Check

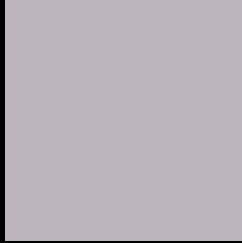
Large Text (above 18pt) WCAG AA × Fail

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 47.5407, 0.3132, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

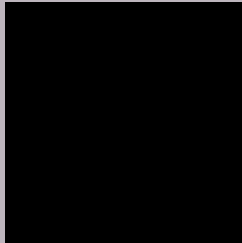
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5407, 0.3132, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 47.5407, 0.3132, 0.3189.



This preview shows how white text looks on a background with the Yxy color 47.5407, 0.3132, 0.3189.

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

47.5407, 0.3132, 0.3189

Protanopia

47.4879, 0.3090, 0.3188

Deuteranopia

47.5643, 0.3204, 0.3141



Tritanopia

47.4847, 0.3101, 0.3114

Trichromacy



Original Color

47.5407, 0.3132, 0.3189

Protanomaly

47.6127, 0.3098, 0.3188

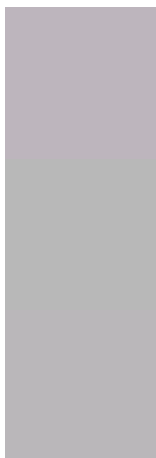
Deuteranomaly

47.5600, 0.3177, 0.3153

Tritanomaly

47.3954, 0.3117, 0.3139

Monochromacy



Original Color

47.5407, 0.3132, 0.3189

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8512, 0.3129, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5407, 0.3132, 0.3189 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(189, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 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(189, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 189) }
```

Border

The CSS property to change the border of an element to Yxy 47.5407, 0.3132, 0.3189 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(189, 181, 189) }
```

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

```
.border{ border-color:rgb(189, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5407, 0.3132, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 189) }
```

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

```
.background{ background-color: rgb(189,  
181, 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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