

Converting Colors

Yxy(50.2007, 0.3042, 0.3164)

Have a look what the booklet for
Yxy(50.2007, 0.3042, 0.3164)
contains.

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Color

Yxy(50.0110, 0.3043, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	BABBC5
RGB	186, 187, 197
RGB Percent	73%, 73%, 77%
CMY	0.2706, 0.2666, 0.2274
CMYK	0.06, 0.05, 0.00, 0.23
HSL	234°, 9%, 75%
HSV	234°, 6%, 77%
XYZ	48.0984, 50.0110, 59.9531
YIQ	187.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

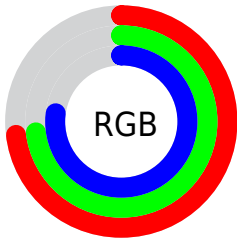
Format	Color
R _Y B	186, 187, 197
Decimal	12237765
CIE Lab	76.08, 1.56, -5.17
CIE LCh	76, 5.406, 286.828
Yxy	50.0110, 0.3043, 0.3164
Android (android.graphics.Color)	4290427845 (0xFFBABB C5)
YUV	187.8410, 4.5154, -1.6146
Hunter-Lab	70.7185, -2.3523, -0.7615

Details

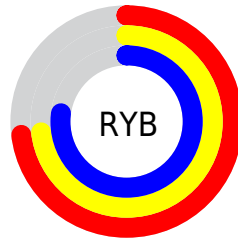
The Yxy color `50.0110, 0.3043, 0.3164` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `54.9023, 0.3210, 0.3413`, and the grayscale version is `50.1711, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.1342, 0.3055, 0.3182`, and `24.0199, 0.3024, 0.3137` is the 20% darker color. If you saturate the color by 10%, you get `40.5873, 0.2879, 0.2915`, and if you desaturate by 10%, it is `60.7253, 0.3189, 0.3383`.

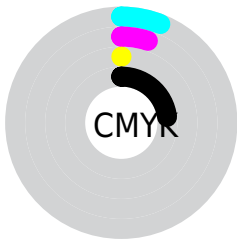
Distribution



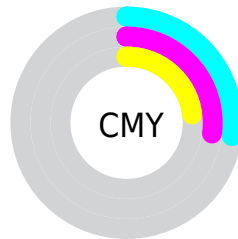
- Red (73%)
- Green (73%)
- Blue (77%)



- Red (73%)
- Yellow (73%)
- Blue (77%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0110, 0.3043, 0.3164 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 50.0110, 0.3043, 0.3164 by changing the saturation by 10% instead.

■ 50.0110, 0.3043,
0.3164

■ 50.0110, 0.3043,
0.3164

386.7090, 0.3085,
0.3226

■ 35.4221, 0.3033,
0.3149

■ 90.1912, 0.3058,
0.3186

■ 23.9882, 0.3020,
0.3129

116.5513, 0.3064,
0.3195

■ 15.3249, 0.3002,
0.3104

147.6039, 0.3069,
0.3202

■ 9.0477, 0.2978,
0.3069

183.7335, 0.3073,
0.3208

■ 4.7723, 0.2943,
0.3017

225.3244, 0.3076,
0.3214

■ 2.1143, 0.2886,
0.2935

272.7610, 0.3079,

■ 0.6727, 0.2765,

0.3218

0.2745

326.4277, 0.3082,
0.3222

0.0000, 0.0000,
0.0000

50.0110, 0.3043,
0.3164

50.0110, 0.3043,
0.3164

40.5873, 0.2879,
0.2915

60.7253, 0.3189,
0.3383

32.3995, 0.2697,
0.2637

72.7699, 0.3318,
0.3573

25.3980, 0.2501,
0.2331

86.1904, 0.3431,
0.3737

19.5277, 0.2297,
0.2007

96.8122, 0.3472,
0.3860

14.7290, 0.2093,
0.1677

■ 10.9369, 0.1903,
0.1361

■ 8.0792, 0.1739,
0.1080

■ 6.0740, 0.1616,
0.0856

■ 4.8246, 0.1539,
0.0703

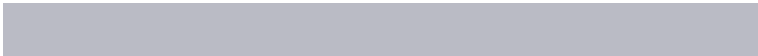
Harmonies

Analogous

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



50.0110, 0.2997, 0.3182



50.0110, 0.3043, 0.3164



50.0110, 0.3112, 0.3179

Triad

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



50.0110, 0.3043, 0.3164



50.0110, 0.3272, 0.3348



50.0110, 0.3068, 0.3359

Complementary

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



50.0110, 0.3043, 0.3164



54.9023, 0.3210, 0.3413

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.



50.0110, 0.3141, 0.3405



50.0110, 0.3043, 0.3164



50.0110, 0.3259, 0.3397

Square

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



50.0110, 0.3043, 0.3164



50.0110, 0.3245, 0.3284



50.0110, 0.3211, 0.3419



50.0110, 0.3011, 0.3295

Rectangle

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



50.0110, 0.3043, 0.3164



50.0110, 0.3162, 0.3205



50.0110, 0.3211, 0.3419



50.0110, 0.3091, 0.3377

Sweetspot

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



50.0131, 0.3043, 0.3164



96.1255, 0.3097, 0.3245



54.3621, 0.3049, 0.3303



20.6154, 0.3099, 0.3248



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



50.0131, 0.3043, 0.3164



86.8586, 0.3019, 0.3128



50.1466, 0.3079, 0.3153



10.8519, 0.3013, 0.3119



2.9922, 0.1519, 0.0669



0.1966, 0.1581, 0.0889

Inverse Universe

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



50.5763, 0.3212, 0.3278



88.1347, 0.3237, 0.3274



54.7731, 0.3173, 0.3427



11.0216, 0.3243, 0.3273



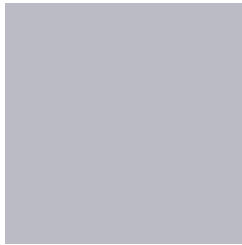
7.8421, 0.6285, 0.3236



0.3769, 0.5928, 0.3039

Previews

White Background



This preview shows how the Yxy color 50.0110, 0.3043, 0.3164 looks on a white background.

Color Contrast Check

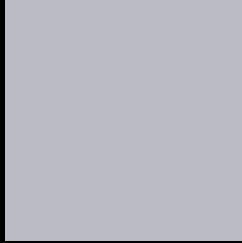
Large Text (above 18pt) WCAG AA × Fail

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 50.0110, 0.3043, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

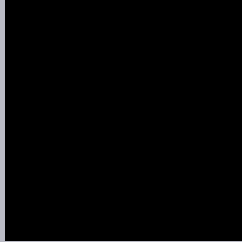
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

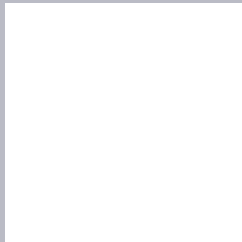
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0110, 0.3043, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 50.0110, 0.3043, 0.3164.

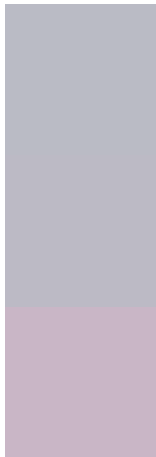


This preview shows how white text looks on a background with the Yxy color 50.0110, 0.3043, 0.3164.

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

50.0110, 0.3043, 0.3164

Protanopia

49.8404, 0.3060, 0.3152

Deuteranopia

49.9506, 0.3162, 0.3096



Tritanopia

49.8997, 0.3022, 0.3103

Trichromacy



Original Color

50.0110, 0.3043, 0.3164

Protanomaly

49.7138, 0.3052, 0.3152

Deuteranomaly

50.0940, 0.3119, 0.3118

Tritanomaly

49.8527, 0.3029, 0.3115

Monochromacy



Original Color

50.0110, 0.3043, 0.3164

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2928, 0.3096, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0110, 0.3043, 0.3164 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(186, 187, 197)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 197)  
}
```

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(186, 187, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.0110, 0.3043, 0.3164 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(186, 187, 197) }
```

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

```
.border{ border-color:rgb(186, 187, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0110, 0.3043, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 197) }
```

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

```
.background{ background-color: rgb(186,  
187, 197) }
```

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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