

Converting Colors

Yxy(50.7840, 0.2952, 0.3019)

Have a look what the booklet for
Yxy(50.7840, 0.2952, 0.3019)
contains.

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Color

Yxy(50.5832, 0.2955, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	BABBD1
RGB	186, 187, 209
RGB Percent	73%, 73%, 82%
CMY	0.2707, 0.2666, 0.1803
CMYK	0.11, 0.11, 0.00, 0.18
HSL	237°, 20%, 77%
HSV	237°, 11%, 82%
XYZ	49.5273, 50.5832, 67.4945
YIQ	189.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

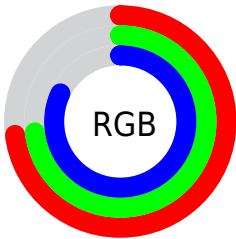
Format	Color
R _Y B	186, 187, 209
Decimal	12237777
CIE Lab	76.43, 3.96, -11.17
CIE LCh	76, 11.857, 289.531
Yxy	50.5832, 0.2955, 0.3018
Android (android.graphics.Color)	4290427857 (0xFFBABB D1)
YUV	189.2090, 9.7570, -2.8143
Hunter-Lab	71.1219, -0.1608, -6.4808

Details

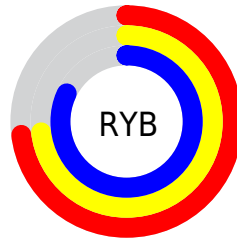
The Yxy color `50.5832, 0.2955, 0.3018` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `62.2165, 0.3292, 0.3548`, and the grayscale version is `50.9612, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.1984, 0.3050, 0.3172`, and `24.4033, 0.2906, 0.2941` is the 20% darker color. If you saturate the color by 10%, you get `40.2641, 0.2779, 0.2737`, and if you desaturate by 10%, it is `62.4677, 0.3112, 0.3266`.

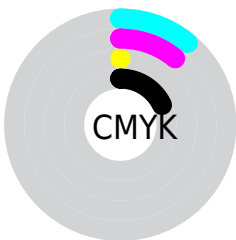
Distribution



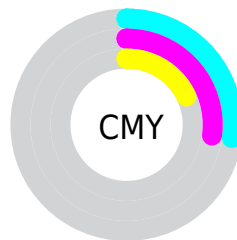
- Red (73%)
- Green (73%)
- Blue (82%)



- Red (73%)
- Yellow (73%)
- Blue (82%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5832, 0.2955, 0.3018 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 50.5832, 0.2955, 0.3018 by changing the saturation by 10% instead.

■ 50.5832, 0.2955,
0.3018

■ 50.5832, 0.2955,
0.3018

■ 388.9422, 0.3040,
0.3151

■ 35.8770, 0.2934,
0.2986

■ 91.0384, 0.2986,
0.3065

■ 24.3392, 0.2907,
0.2945

■ 117.5561, 0.2997,
0.3083

■ 15.5854, 0.2872,
0.2892

■ 148.7799, 0.3007,
0.3099

■ 9.2313, 0.2824,
0.2820

■ 185.0940, 0.3016,
0.3112

■ 4.8923, 0.2753,
0.2716

■ 226.8829, 0.3023,
0.3124

■ 2.1842, 0.2641,
0.2555

■ 274.5310, 0.3029,

■ 0.7114, 0.2439,

0.3134

0.2245

328.4227, 0.3035,
0.3143

0.0000, 0.0000,
0.0000

50.5832, 0.2955,
0.3018

50.5832, 0.2955,
0.3018

40.2641, 0.2779,
0.2737

62.4677, 0.3112,
0.3266

31.4390, 0.2585,
0.2426

75.9722, 0.3250,
0.3483

24.0407, 0.2378,
0.2092

91.1567, 0.3370,
0.3670

17.9942, 0.2167,
0.1748

97.3850, 0.3399,
0.3740

13.2177, 0.1964,
0.1414

■ 9.6206, 0.1785,
0.1113

■ 7.1004, 0.1644,
0.0871

■ 5.5367, 0.1551,
0.0705

■ 4.8078, 0.1507,
0.0624

Harmonies

Analogous

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



50.5832, 0.2850, 0.3048



50.5832, 0.2955, 0.3018



50.5832, 0.3108, 0.3057

Triad

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



50.5832, 0.2955, 0.3018



50.5832, 0.3446, 0.3424



50.5832, 0.2983, 0.3431

Complementary

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



50.5832, 0.2955, 0.3018



62.2165, 0.3292, 0.3548

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.



50.5832, 0.3140, 0.3539



50.5832, 0.2955, 0.3018



50.5832, 0.3410, 0.3530

Square

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



50.5832, 0.2955, 0.3018



50.5832, 0.3395, 0.3287



50.5832, 0.3297, 0.3574



50.5832, 0.2866, 0.3284

Rectangle

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



50.5832, 0.2955, 0.3018



50.5832, 0.3217, 0.3117



50.5832, 0.3297, 0.3574



50.5832, 0.3033, 0.3473

Sweetspot

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



50.5853, 0.2955, 0.3018



94.0034, 0.3082, 0.3219



60.6009, 0.2967, 0.3303



19.7860, 0.3070, 0.3200



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.



50.5853, 0.2955, 0.3018



75.6786, 0.2919, 0.2961



51.4964, 0.3037, 0.3012



11.5012, 0.2982, 0.3060



3.0016, 0.1509, 0.0631



0.1983, 0.1537, 0.0731

Inverse Universe

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



52.2565, 0.3314, 0.3278



78.7685, 0.3356, 0.3276



61.2560, 0.3210, 0.3567



11.8167, 0.3284, 0.3280



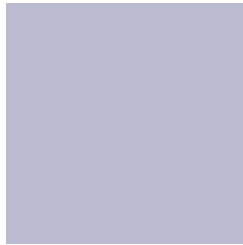
8.3743, 0.6348, 0.3271



0.4713, 0.6181, 0.3178

Previews

White Background



This preview shows how the Yxy color 50.5832, 0.2955, 0.3018 looks on a white background.

Color Contrast Check

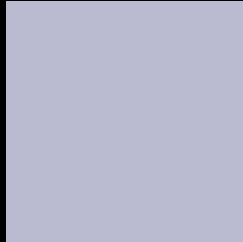
Large Text (above 18pt) WCAG AA × Fail

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 50.5832, 0.2955, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

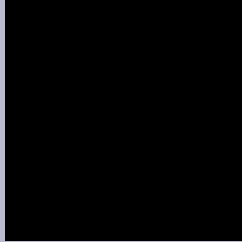
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5832, 0.2955, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 50.5832, 0.2955, 0.3018.



This preview shows how white text looks on a background with the Yxy color 50.5832, 0.2955, 0.3018.

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

50.5832, 0.2955, 0.3018

Protanopia

50.5832, 0.2955, 0.3018

Deuteranopia

50.3904, 0.3036, 0.2965



Tritanopia

50.5925, 0.2991, 0.3103

Trichromacy



Original Color

50.5832, 0.2955, 0.3018

Protanomaly

50.5832, 0.2955, 0.3018

Deuteranomaly

50.2716, 0.3003, 0.2974

Tritanomaly

50.6885, 0.2977, 0.3078

Monochromacy



Original Color

50.5832, 0.2955, 0.3018

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6433, 0.3067, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5832, 0.2955, 0.3018 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.5832, 0.2955, 0.3018 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, 209) }
```

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

```
.border{ border-color:rgb(186, 187, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 209);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5832, 0.2955, 0.3018 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, 209) }
```

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

```
.background{ background-color: rgb(186,  
187, 209) }
```

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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