

Converting Colors

$Y_{xy}(50.3516, 0.3203, 0.3085)$

Have a look what the booklet for
Yxy(50.3516, 0.3203, 0.3085)
contains.

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Color

Yxy(50.2468, 0.3205, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	CEB5C6
RGB	206, 181, 198
RGB Percent	81%, 71%, 78%
CMY	0.1922, 0.2902, 0.2237
CMYK	0.00, 0.12, 0.04, 0.19
HSL	319°, 20%, 76%
HSV	319°, 12%, 81%
XYZ	52.1675, 50.2468, 60.3548
YIQ	190.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

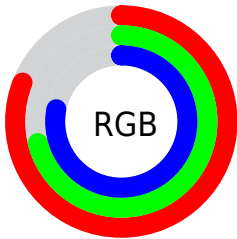
Format	Color
R _Y B	206, 181, 198
Decimal	13546950
CIE Lab	76.22, 11.88, -5.29
CIE LCh	76, 13.000, 335.988
Yxy	50.2468, 0.3205, 0.3087
Android (android.graphics.Color)	4291737030 (0xFFCEB5C6)
YUV	190.4130, 3.7404, 13.6698
Hunter-Lab	70.8850, 7.3175, -0.8628

Details

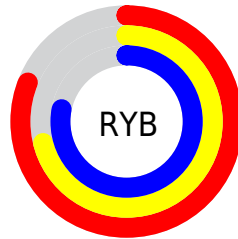
The Yxy color **50.2468, 0.3205, 0.3087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6441, 0.3057, 0.3502**, and the grayscale version is **51.7174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **24.1274, 0.3232, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **42.1823, 0.3282, 0.2912**, and if you desaturate by 10%, it is **59.5677, 0.3140, 0.3255**.

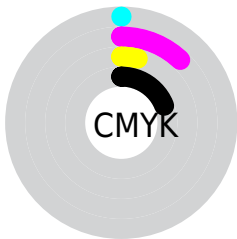
Distribution



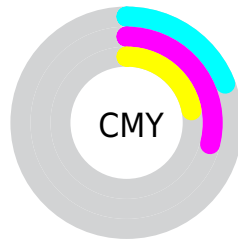
- Red (81%)
- Green (71%)
- Blue (78%)



- Red (81%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2468, 0.3205, 0.3087 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 50.2468, 0.3205, 0.3087 by changing the saturation by 10% instead.

 50.2468, 0.3205,
0.3087

 50.2468, 0.3205,
0.3087


387.6303, 0.3167,
0.3186

 35.6095, 0.3214,
0.3063


 90.5404, 0.3192,
0.3122

 24.1328, 0.3225,
0.3033

116.9656, 0.3186,
0.3136

 15.4322, 0.3240,
0.2994


148.0889, 0.3182,
0.3147

 9.1232, 0.3261,
0.2940

184.2946, 0.3178,
0.3157

 4.8217, 0.3289,
0.2863

225.9672, 0.3175,
0.3166

 2.1430, 0.3334,
0.2743

273.4911, 0.3172,

 0.6886, 0.3430,

0.3173

0.2490

327.2507, 0.3170,
0.3180

0.0000, 0.0000,
0.0000

50.2468, 0.3205,
0.3087

50.2468, 0.3205,
0.3087

42.1823, 0.3282,
0.2912

59.5677, 0.3140,
0.3255

35.3133, 0.3372,
0.2735

70.1894, 0.3085,
0.3414

29.5837, 0.3475,
0.2562

82.1622, 0.3039,
0.3563

24.9302, 0.3590,
0.2401

90.0486, 0.3000,
0.3615

21.2834, 0.3717,
0.2263

90.4159, 0.2964,
0.3543

■ 18.5655, 0.3853,
0.2159

■ 90.7974, 0.2929,
0.3472

■ 16.6876, 0.3992,
0.2099

■ 91.1932, 0.2894,
0.3401

■ 15.5429, 0.4130,
0.2087

■ 91.6035, 0.2859,
0.3331

■ 15.0090, 0.4237,
0.2108

■ 91.8620, 0.2838,
0.3289

Harmonies

Analogous

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



50.2468, 0.3026, 0.3007



50.2468, 0.3205, 0.3087



50.2468, 0.3367, 0.3218

Triad

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



50.2468, 0.3205, 0.3087



50.2468, 0.3378, 0.3591



50.2468, 0.2802, 0.3194

Complementary

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



50.2468, 0.3205, 0.3087



57.6441, 0.3057, 0.3502

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.



50.2468, 0.2891, 0.3358



50.2468, 0.3205, 0.3087



50.2468, 0.3222, 0.3593

Square

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



50.2468, 0.3205, 0.3087



50.2468, 0.3468, 0.3507



50.2468, 0.3043, 0.3507



50.2468, 0.2797, 0.3063

Rectangle

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



50.2468, 0.3205, 0.3087



50.2468, 0.3441, 0.3319



50.2468, 0.3043, 0.3507



50.2468, 0.2822, 0.3248

Sweetspot

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



50.2490, 0.3205, 0.3087



93.4545, 0.3151, 0.3224



48.3165, 0.3000, 0.2981



19.7479, 0.3156, 0.3211



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.



50.2490, 0.3205, 0.3087



77.2101, 0.3227, 0.3034



49.7011, 0.3306, 0.3235



11.3400, 0.3186, 0.3134



9.2603, 0.4218, 0.2097



0.4912, 0.3974, 0.1963

Inverse Universe

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



50.2490, 0.3205, 0.3087



77.2101, 0.3227, 0.3034



58.2049, 0.2973, 0.3346



11.3400, 0.3186, 0.3134



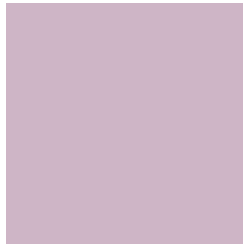
9.2603, 0.4218, 0.2097



0.4912, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 50.2468, 0.3205, 0.3087 looks on a white background.

Color Contrast Check

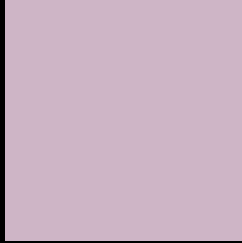
Large Text (above 18pt) WCAG AA × Fail

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 50.2468, 0.3205, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

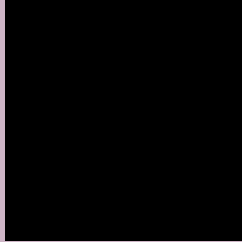
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2468, 0.3205, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 50.2468, 0.3205, 0.3087.



This preview shows how white text looks on a background with the Yxy color 50.2468, 0.3205, 0.3087.

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

50.2468, 0.3205, 0.3087

Protanopia

50.4963, 0.3022, 0.3104

Deuteranopia

50.5007, 0.3169, 0.3109



Tritanopia

50.1551, 0.3221, 0.3110

Trichromacy



Original Color

50.2468, 0.3205, 0.3087

Protanomaly

50.5171, 0.3087, 0.3094

Deuteranomaly

50.2296, 0.3178, 0.3097

Tritanomaly

50.2008, 0.3213, 0.3098

Monochromacy



Original Color

50.2468, 0.3205, 0.3087

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1267, 0.3155, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2468, 0.3205, 0.3087 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(206, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(206, 181, 198)  
}
```

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(206, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 181, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.2468, 0.3205, 0.3087 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(206, 181, 198) }
```

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

```
.border{ border-color:rgb(206, 181, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 181, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 181, 198);  
box-shadow:4px 4px 4px 4px rgb(206, 181,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2468, 0.3205, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 181, 198) }
```

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

```
.background{ background-color: rgb(206,  
181, 198) }
```

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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