

Converting Colors

$Y_{xy}(50.3216, 0.3210, 0.3104)$

Have a look what the booklet for
Yxy(50.3216, 0.3210, 0.3104)
contains.

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Color

Yxy(50.2008, 0.3213, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	CEB5C5
RGB	206, 181, 197
RGB Percent	81%, 71%, 77%
CMY	0.1920, 0.2902, 0.2274
CMYK	0.00, 0.12, 0.04, 0.19
HSL	322°, 20%, 76%
HSV	322°, 12%, 81%
XYZ	52.0643, 50.2008, 59.7775
YIQ	190.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

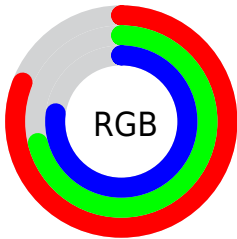
Format	Color
R _Y B	206, 181, 197
Decimal	13546949
CIE Lab	76.19, 11.73, -4.81
CIE LCh	76, 12.676, 337.684
Yxy	50.2008, 0.3213, 0.3098
Android (android.graphics.Color)	4291737029 (0xFFCEB5C5)
YUV	190.2990, 3.3036, 13.7698
Hunter-Lab	70.8525, 7.1746, -0.4256

Details

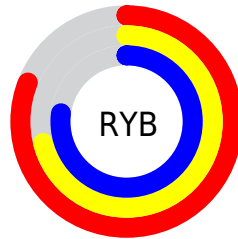
The Yxy color **50.2008, 0.3213, 0.3098** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7015, 0.3050, 0.3490**, and the grayscale version is **51.6538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9841, 0.3141, 0.3126**, and **24.0969, 0.3243, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **42.1031, 0.3298, 0.2933**, and if you desaturate by 10%, it is **59.5587, 0.3141, 0.3257**.

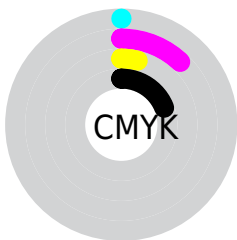
Distribution



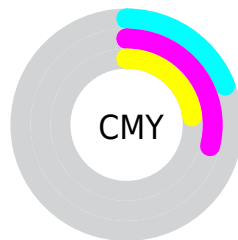
- Red (81%)
- Green (71%)
- Blue (77%)



- Red (81%)
- Yellow (71%)
- Blue (77%)



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




- Cyan (19%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2008, 0.3213, 0.3098 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 50.2008, 0.3213, 0.3098 by changing the saturation by 10% instead.


 50.2008, 0.3213,
0.3098

 50.2008, 0.3213,
0.3098


387.4507, 0.3171,
0.3191

 35.5730, 0.3223,
0.3075


 90.4723, 0.3198,
0.3131

 24.1046, 0.3236,
0.3047


116.8848, 0.3192,
0.3144

 15.4112, 0.3252,
0.3009


147.9943, 0.3188,
0.3155

 9.1085, 0.3275,
0.2959

184.1852, 0.3183,
0.3164

 4.8120, 0.3308,
0.2885

225.8419, 0.3180,
0.3172

 2.1374, 0.3359,
0.2770

273.3488, 0.3177,

 0.6855, 0.3468,

0.3180

0.2525

327.0902, 0.3174,
0.3186

0.0000, 0.0000,
0.0000

50.2008, 0.3213,
0.3098

50.2008, 0.3213,
0.3098

42.1031, 0.3298,
0.2933

59.5587, 0.3141,
0.3257

35.2045, 0.3398,
0.2765

70.2213, 0.3081,
0.3407

29.4489, 0.3514,
0.2600

82.2390, 0.3031,
0.3546

24.7729, 0.3645,
0.2447

90.1767, 0.2988,
0.3591

21.1068, 0.3790,
0.2317

90.5947, 0.2948,
0.3510

■ 18.3729, 0.3945,
0.2220

■ 91.0306, 0.2909,
0.3430

■ 16.4820, 0.4106,
0.2167

■ 91.4846, 0.2870,
0.3352

■ 15.3272, 0.4266,
0.2164

■ 91.8672, 0.2838,
0.3289

■ 14.7882, 0.4390,
0.2192

Harmonies

Analogous

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



50.2008, 0.3038, 0.3016



50.2008, 0.3213, 0.3098



50.2008, 0.3368, 0.3228

Triad

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



50.2008, 0.3213, 0.3098



50.2008, 0.3365, 0.3586



50.2008, 0.2807, 0.3189

Complementary

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



50.2008, 0.3213, 0.3098



57.7015, 0.3050, 0.3490

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.



50.2008, 0.2890, 0.3348



50.2008, 0.3213, 0.3098



50.2008, 0.3210, 0.3582

Square

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



50.2008, 0.3213, 0.3098



50.2008, 0.3457, 0.3508



50.2008, 0.3036, 0.3494



50.2008, 0.2807, 0.3063

Rectangle

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



50.2008, 0.3213, 0.3098



50.2008, 0.3438, 0.3327



50.2008, 0.3036, 0.3494



50.2008, 0.2826, 0.3240

Sweetspot

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



50.2030, 0.3213, 0.3098



93.4295, 0.3154, 0.3227



48.4178, 0.3007, 0.2981



19.7415, 0.3159, 0.3216



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.



50.2030, 0.3213, 0.3098



77.1211, 0.3237, 0.3048



49.6632, 0.3314, 0.3245



11.3325, 0.3192, 0.3143



9.1216, 0.4368, 0.2180



0.4848, 0.4085, 0.2024

Inverse Universe

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



50.2030, 0.3213, 0.3098



77.1211, 0.3237, 0.3048



58.2608, 0.2967, 0.3336



11.3325, 0.3192, 0.3143



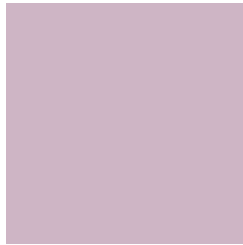
9.1216, 0.4368, 0.2180



0.4848, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 50.2008, 0.3213, 0.3098 looks on a white background.

Color Contrast Check

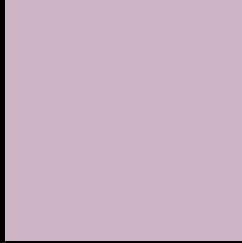
Large Text (above 18pt) WCAG AA × Fail

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 50.2008, 0.3213, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

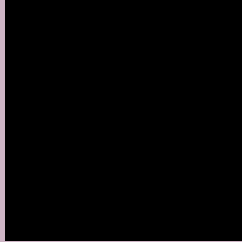
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2008, 0.3213, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 50.2008, 0.3213, 0.3098.



This preview shows how white text looks on a background with the Yxy color 50.2008, 0.3213, 0.3098.

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

50.2008, 0.3213, 0.3098

Protanopia

50.4491, 0.3030, 0.3116

Deuteranopia

50.0437, 0.3178, 0.3108



Tritanopia

50.1097, 0.3229, 0.3122

Trichromacy



Original Color

50.2008, 0.3213, 0.3098

Protanomaly

50.4702, 0.3094, 0.3106

Deuteranomaly

50.1836, 0.3186, 0.3109

Tritanomaly

50.1551, 0.3221, 0.3110

Monochromacy



Original Color

50.2008, 0.3213, 0.3098

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 50.2008, 0.3213, 0.3098 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(206, 181, 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(206, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 181, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.2008, 0.3213, 0.3098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

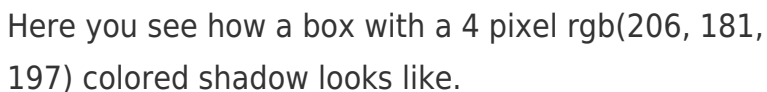
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 181, 197) }
```

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

```
.border{ border-color:rgb(206, 181, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(206, 181,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2008, 0.3213, 0.3098 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, 197) }
```

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

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