

Converting Colors

$Y_{xy}(28.3162, 0.3709, 0.3200)$

Have a look what the booklet for
Yxy(28.3162, 0.3709, 0.3200)
contains.

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Color

Yxy(28.2105, 0.3707, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	BA8289
RGB	186, 130, 137
RGB Percent	73%, 51%, 54%
CMY	0.2705, 0.4902, 0.4627
CMYK	0.00, 0.30, 0.26, 0.27
HSL	352°, 29%, 62%
HSV	352°, 30%, 73%
XYZ	32.7517, 28.2105, 27.3888
YIQ	147.5420, 31.1290, 14.0490

Conversions

Conversions Part 2

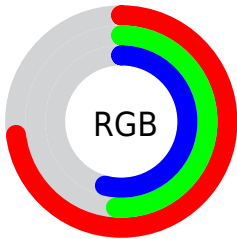
Format	Color
R _Y B	186, 130, 137
Decimal	12223113
CIE Lab	60.08, 22.61, 4.92
CIE LCh	60, 23.143, 12.271
Yxy	28.2105, 0.3707, 0.3193
Android (android.graphics.Color)	4290413193 (0xFFBA8289)
YUV	147.5420, -5.1972, 33.7277
Hunter-Lab	53.1136, 17.1208, 6.6057

Details

The Yxy color **28.2105, 0.3707, 0.3193** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1267, 0.2745, 0.3391**, and the grayscale version is **29.4272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6394, 0.3587, 0.3215**, and **11.3310, 0.3929, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **23.2704, 0.3995, 0.3160**, and if you desaturate by 10%, it is **34.1183, 0.3472, 0.3227**.

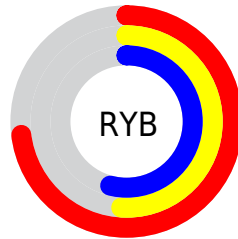
Distribution



Red (73%)

Green (51%)

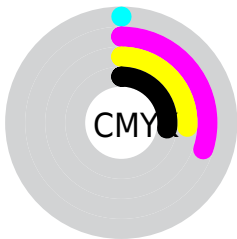
Blue (54%)



Red (73%)

Yellow (51%)

Blue (54%)

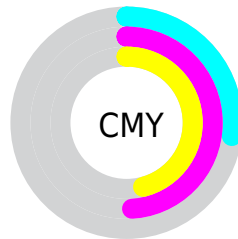


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2105, 0.3707, 0.3193 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 28.2105, 0.3707, 0.3193 by changing the saturation by 10% instead.


 28.2105, 0.3707,
0.3193


 28.2105, 0.3707,
0.3193


293.4714, 0.3391,
0.3250


 18.4844, 0.3796,
0.3175


 56.8203, 0.3585,
0.3216

 11.2983, 0.3916,
0.3151


 76.4729, 0.3542,
0.3224

 6.2679, 0.4089,
0.3113


 100.2030, 0.3506,
0.3230

 3.0086, 0.4356,
0.3050

128.3951, 0.3475,
0.3236

 1.1362, 0.4825,
0.2929

161.4336, 0.3450,
0.3240

 0.0087, 0.9847,
0.0153

199.7029, 0.3427,

 0.0000, 0.0000,

0.3244

0.0000

243.5874, 0.3408,
0.3247

■ 28.2105, 0.3707,
0.3193

■ 28.2105, 0.3707,
0.3193

■ 23.2704, 0.3995,
0.3160

■ 34.1183, 0.3472,
0.3227

■ 19.2425, 0.4341,
0.3132

■ 41.0373, 0.3282,
0.3259

■ 16.0721, 0.4741,
0.3112

■ 49.0133, 0.3129,
0.3290


■ 13.6968, 0.5177,
0.3108

■ 58.0881, 0.3005,
0.3318

■ 12.0459, 0.5609,
0.3125


■ 68.3010, 0.2905,
0.3343

 11.0357, 0.5980,
0.3165

 79.6898, 0.2823,
0.3367

 10.5047, 0.6243,
0.3213

 88.9217, 0.2751,
0.3333

 89.1816, 0.2731,
0.3289

Harmonies

Analogous

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



28.2105, 0.3369, 0.2916



28.2105, 0.3707, 0.3193



28.2105, 0.3882, 0.3506

Triad

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



28.2105, 0.3707, 0.3193



28.2105, 0.3238, 0.3942



28.2105, 0.2456, 0.2758

Complementary

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



28.2105, 0.3707, 0.3193



43.1267, 0.2745, 0.3391

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.



28.2105, 0.2427, 0.3000



28.2105, 0.3707, 0.3193



28.2105, 0.2863, 0.3712

Square

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



28.2105, 0.3707, 0.3193



28.2105, 0.3597, 0.3960



28.2105, 0.2571, 0.3352



28.2105, 0.2651, 0.2668

Rectangle

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



28.2105, 0.3707, 0.3193



28.2105, 0.3877, 0.3702



28.2105, 0.2571, 0.3352



28.2105, 0.2427, 0.2823

Sweetspot

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



28.2118, 0.3707, 0.3193



75.6804, 0.3266, 0.3262



29.0400, 0.3084, 0.2534



16.2298, 0.3290, 0.3258



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.



28.2118, 0.3707, 0.3193



45.1292, 0.3887, 0.3172



34.0378, 0.3708, 0.3578



9.0300, 0.3269, 0.3262



7.0718, 0.6221, 0.3201



0.2553, 0.5685, 0.2906

Inverse Universe

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



28.2118, 0.3707, 0.3193



45.1292, 0.3887, 0.3172



35.3743, 0.2665, 0.2982



9.0300, 0.3269, 0.3262



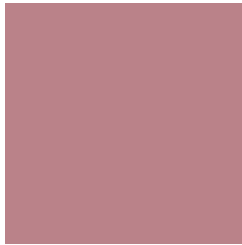
7.0718, 0.6221, 0.3201



0.2553, 0.5685, 0.2906

Previews

White Background



This preview shows how the Yxy color 28.2105, 0.3707, 0.3193 looks on a white background.

Color Contrast Check

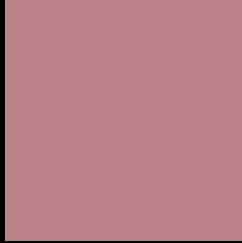
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2105, 0.3707, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

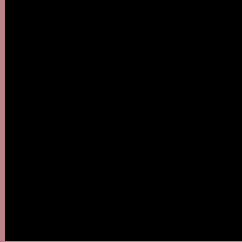
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2105, 0.3707, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 28.2105, 0.3707, 0.3193.



This preview shows how white text looks on a background with the Yxy color 28.2105, 0.3707, 0.3193.

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

28.2105, 0.3707, 0.3193

Protanopia

28.2868, 0.3160, 0.3274

Deuteranopia

28.2920, 0.3435, 0.3368



Tritanopia

28.2684, 0.3683, 0.3165

Trichromacy



Original Color

28.2105, 0.3707, 0.3193

Protanomaly

28.0996, 0.3350, 0.3245

Deuteranomaly

28.0438, 0.3526, 0.3291

Tritanomaly

28.2393, 0.3695, 0.3179

Monochromacy



Original Color

28.2105, 0.3707, 0.3193

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7448, 0.3326, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2105, 0.3707, 0.3193 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, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 137)  
}
```

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, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 137) }
```

Border

The CSS property to change the border of an element to Yxy 28.2105, 0.3707, 0.3193 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, 130, 137) }
```

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

```
.border{ border-color:rgb(186, 130, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2105, 0.3707, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 137) }
```

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

```
.background{ background-color: rgb(186,  
130, 137) }
```

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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