

Converting Colors

$Y_{xy}(28.1930, 0.3731, 0.3212)$

Have a look what the booklet for
Yxy(28.1930, 0.3731, 0.3212)
contains.

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Color

Yxy(28.3076, 0.3730, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	BB8288
RGB	187, 130, 136
RGB Percent	73%, 51%, 53%
CMY	0.2668, 0.4901, 0.4667
CMYK	0.00, 0.30, 0.27, 0.27
HSL	354°, 30%, 62%
HSV	354°, 30%, 73%
XYZ	32.9138, 28.3076, 27.0193
YIQ	147.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

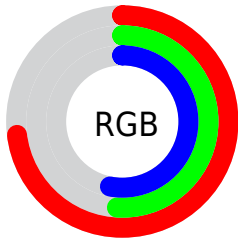
Format	Color
RYB	187, 130, 136
Decimal	12288648
CIELab	60.17, 22.82, 5.64
CIELCh	60, 23.502, 13.884
Yxy	28.3076, 0.3730, 0.3208
Android (android.graphics.Color)	4290478728 (0xFFBB8288)
YUV	147.7270, -5.7814, 34.4424
Hunter-Lab	53.2049, 17.3156, 7.1339

Details

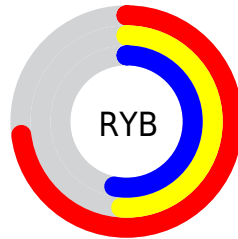
The Yxy color **28.3076, 0.3730, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6103, 0.2733, 0.3376**, and the grayscale version is **29.5095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7742, 0.3605, 0.3227**, and **11.3147, 0.3948, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **23.3386, 0.4028, 0.3181**, and if you desaturate by 10%, it is **34.2573, 0.3487, 0.3236**.

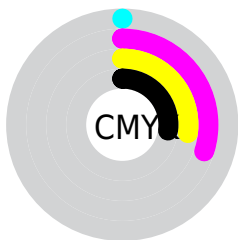
Distribution



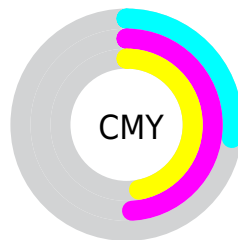
- Red (73%)
- Green (51%)
- Blue (53%)



- Red (73%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (27%)





- Cyan (27%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3076, 0.3730, 0.3208 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 28.3076, 0.3730, 0.3208 by changing the saturation by 10% instead.


 28.3076, 0.3730,
0.3208


 28.3076, 0.3730,
0.3208


293.9338, 0.3401,
0.3257


 18.5577, 0.3822,
0.3192


 56.9752, 0.3603,
0.3228

 11.3511, 0.3947,
0.3170


 76.6616, 0.3558,
0.3235

 6.3035, 0.4127,
0.3135


 100.4290, 0.3521,
0.3241

 3.0305, 0.4404,
0.3076

128.6617, 0.3489,
0.3245

 1.1477, 0.4893,
0.2962

161.7441, 0.3462,
0.3249

 0.0183, 0.9691,
0.0309


200.0607, 0.3439,


 0.0000, 0.0000,


0.3252


0.0000


243.9958, 0.3419,
0.3255


 28.3076, 0.3730,
0.3208


 28.3076, 0.3730,
0.3208


 23.3386, 0.4028,
0.3181

 34.2573, 0.3487,
0.3236


 19.2939, 0.4385,
0.3158


 41.2323, 0.3291,
0.3263


 16.1175, 0.4796,
0.3142


 49.2791, 0.3134,
0.3289


 13.7457, 0.5241,
0.3141


 58.4403, 0.3006,
0.3312


 12.1060, 0.5675,
0.3157

 68.7561, 0.2904,
0.3334

 11.1130, 0.6038,
0.3194

 80.2648, 0.2820,
0.3353

 10.6098, 0.6278,
0.3232

 89.1817, 0.2745,
0.3309

 89.3007, 0.2736,
0.3289

Harmonies

Analogous

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



28.3076, 0.3393, 0.2924



28.3076, 0.3730, 0.3208



28.3076, 0.3896, 0.3525

Triad

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



28.3076, 0.3730, 0.3208



28.3076, 0.3218, 0.3944



28.3076, 0.2454, 0.2742

Complementary

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



28.3076, 0.3730, 0.3208



43.6103, 0.2733, 0.3376

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.



28.3076, 0.2415, 0.2979



28.3076, 0.3730, 0.3208



28.3076, 0.2841, 0.3701

Square

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



28.3076, 0.3730, 0.3208



28.3076, 0.3586, 0.3974



28.3076, 0.2552, 0.3332



28.3076, 0.2660, 0.2659

Rectangle

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



28.3076, 0.3730, 0.3208



28.3076, 0.3882, 0.3722



28.3076, 0.2552, 0.3332



28.3076, 0.2421, 0.2804

Sweetspot

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



28.3089, 0.3730, 0.3208



75.6565, 0.3269, 0.3267



29.2995, 0.3093, 0.2528



16.2239, 0.3294, 0.3263



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.



28.3089, 0.3730, 0.3208



44.1883, 0.3937, 0.3188



34.5809, 0.3712, 0.3594



9.5522, 0.3272, 0.3266



7.3184, 0.6260, 0.3222



0.2922, 0.5815, 0.2977

Inverse Universe

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



28.3089, 0.3730, 0.3208



44.1883, 0.3937, 0.3188



35.2940, 0.2658, 0.2964



9.5522, 0.3272, 0.3266



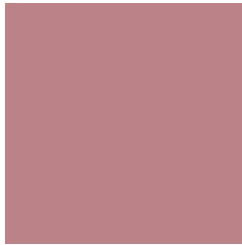
7.3184, 0.6260, 0.3222



0.2922, 0.5815, 0.2977

Previews

White Background



This preview shows how the Yxy color 28.3076, 0.3730, 0.3208 looks on a white background.

Color Contrast Check

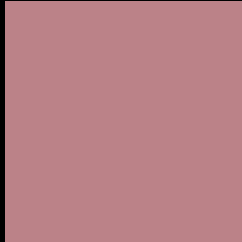
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3076, 0.3730, 0.3208 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 28.3076, 0.3730, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 28.3076, 0.3730, 0.3208.



This preview shows how white text looks on a background with the Yxy color 28.3076, 0.3730, 0.3208.

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

28.3076, 0.3730, 0.3208

Protanopia

28.5603, 0.3169, 0.3306

Deuteranopia

28.3699, 0.3457, 0.3383



Tritanopia

28.1294, 0.3698, 0.3152

Trichromacy



Original Color

28.3076, 0.3730, 0.3208

Protanomaly

28.3606, 0.3359, 0.3275

Deuteranomaly

28.1282, 0.3549, 0.3306

Tritanomaly

28.1003, 0.3710, 0.3166

Monochromacy



Original Color

28.3076, 0.3730, 0.3208

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 28.3076, 0.3730, 0.3208 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(187, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(187, 130, 136)  
}
```

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(187, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 130, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.3076, 0.3730, 0.3208 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(187, 130, 136) }
```

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

```
.border{ border-color:rgb(187, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(187, 130,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3076, 0.3730, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 130, 136) }
```

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

```
.background{ background-color: rgb(187,  
130, 136) }
```

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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