

Converting Colors

$Y_{xy}(29.2788, 0.3407, 0.2941)$

Have a look what the booklet for
Yxy(29.2788, 0.3407, 0.2941)
contains.

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Color

Yxy(29.1888, 0.3411, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	B6859E
RGB	182, 133, 158
RGB Percent	71%, 52%, 62%
CMY	0.2862, 0.4784, 0.3803
CMYK	0.00, 0.27, 0.13, 0.29
HSL	329°, 25%, 62%
HSV	329°, 27%, 71%
XYZ	33.8535, 29.1888, 36.2056
YIQ	150.5010, 21.1790, 18.1630

Conversions

Conversions Part 2

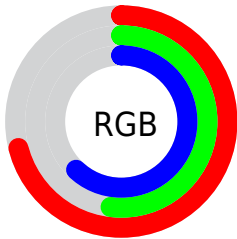
Format	Color
RYB	182, 133, 158
Decimal	11961758
CIELab	60.95, 22.75, -5.89
CIELCh	61, 23.504, 345.486
Yxy	29.1888, 0.3411, 0.2941
Android (android.graphics.Color)	4290151838 (0xFFB6859E)
YUV	150.5010, 3.6970, 27.6246
Hunter-Lab	54.0267, 17.3026, -1.9142

Details

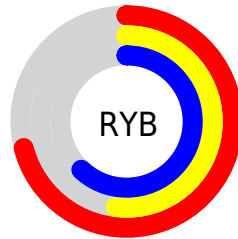
The Yxy color **29.1888, 0.3411, 0.2941** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8805, 0.2915, 0.3668**, and the grayscale version is **30.7017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5219, 0.3346, 0.3011**, and **11.8372, 0.3495, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **24.3350, 0.3556, 0.2806**, and if you desaturate by 10%, it is **34.9310, 0.3289, 0.3075**.

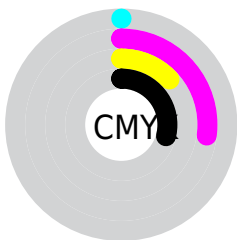
Distribution



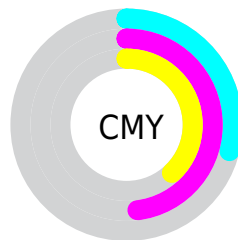
- Red (71%)
- Green (52%)
- Blue (62%)



- Red (71%)
- Yellow (52%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1888, 0.3411, 0.2941 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 29.1888, 0.3411, 0.2941 by changing the saturation by 10% instead.


 29.1888, 0.3411,
0.2941

 29.1888, 0.3411,
0.2941


298.1047, 0.3260,
0.3124


 19.2237, 0.3452,
0.2892


 58.3769, 0.3354,
0.3010

 11.8320, 0.3506,
0.2827


 78.3687, 0.3333,
0.3035

 6.6294, 0.3582,
0.2738


 102.4715, 0.3316,
0.3056

 3.2314, 0.3696,
0.2605

131.0698, 0.3302,
0.3074

 1.2537, 0.3886,
0.2390

164.5478, 0.3289,
0.3089

 0.1049, 0.5094,
0.0816

203.2901, 0.3278,

 0.0000, 0.0000,

0.3103

0.0000

247.6809, 0.3269,
0.3114

■ 29.1888, 0.3411,
0.2941

■ 29.1888, 0.3411,
0.2941

■ 24.3350, 0.3556,
0.2806

■ 34.9310, 0.3289,
0.3075

■ 20.3206, 0.3725,
0.2677

■ 41.5995, 0.3187,
0.3205

■ 17.0980, 0.3919,
0.2561

■ 49.2347, 0.3103,
0.3327

■ 14.6130, 0.4136,
0.2471

■ 57.8734, 0.3033,
0.3441

■ 12.8047, 0.4368,
0.2418

■ 67.5505, 0.2975,
0.3546

■ 11.6020, 0.4607,
0.2414

■ 78.2993, 0.2927,
0.3642

■ 10.9059, 0.4841,
0.2461

■ 86.6541, 0.2885,
0.3675

■ 10.7352, 0.4913,
0.2480

■ 87.1399, 0.2839,
0.3573

■ 87.6514, 0.2794,
0.3473

Harmonies

Analogous

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



29.1888, 0.3020, 0.2740



29.1888, 0.3411, 0.2941



29.1888, 0.3738, 0.3225

Triad

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



29.1888, 0.3411, 0.2941



29.1888, 0.3564, 0.3971



29.1888, 0.2419, 0.2966

Complementary

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



29.1888, 0.3411, 0.2941



40.8805, 0.2915, 0.3668

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.



29.1888, 0.2546, 0.3312



29.1888, 0.3411, 0.2941



29.1888, 0.3197, 0.3929

Square

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



29.1888, 0.3411, 0.2941



29.1888, 0.3823, 0.3815



29.1888, 0.2825, 0.3679



29.1888, 0.2467, 0.2739

Rectangle

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



29.1888, 0.3411, 0.2941



29.1888, 0.3864, 0.3435



29.1888, 0.2825, 0.3679



29.1888, 0.2443, 0.3071

Sweetspot

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



29.1901, 0.3411, 0.2941



73.8594, 0.3199, 0.3189



27.2890, 0.2897, 0.2577



15.8935, 0.3213, 0.3170



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.1901, 0.3411, 0.2941



47.7820, 0.3489, 0.2865



28.4369, 0.3688, 0.3280



9.0867, 0.3210, 0.3174



7.5936, 0.4888, 0.2466



0.2802, 0.4343, 0.2166

Inverse Universe

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



29.1901, 0.3411, 0.2941



47.7820, 0.3489, 0.2865



41.7907, 0.2746, 0.3301



9.0867, 0.3210, 0.3174



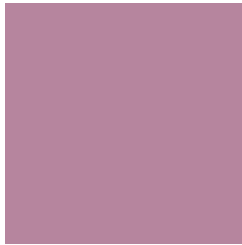
7.5936, 0.4888, 0.2466



0.2802, 0.4343, 0.2166

Previews

White Background



This preview shows how the Yxy color 29.1888, 0.3411, 0.2941 looks on a white background.

Color Contrast Check

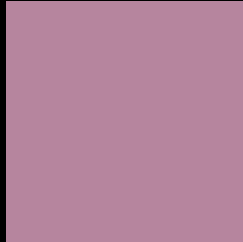
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1888, 0.3411, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

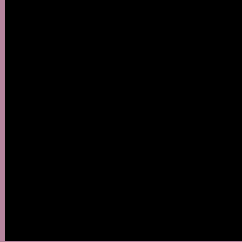
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1888, 0.3411, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 29.1888, 0.3411, 0.2941.



This preview shows how white text looks on a background with the Yxy color 29.1888, 0.3411, 0.2941.

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

29.1888, 0.3411, 0.2941

Protanopia

29.2402, 0.2921, 0.2980

Deuteranopia

29.3143, 0.3157, 0.3093



Tritanopia

29.1066, 0.3518, 0.3134

Trichromacy



Original Color

29.1888, 0.3411, 0.2941

Protanomaly

28.9632, 0.3090, 0.2960

Deuteranomaly

29.1150, 0.3248, 0.3025

Tritanomaly

29.0760, 0.3487, 0.3064

Monochromacy



Original Color

29.1888, 0.3411, 0.2941

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9610, 0.3219, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1888, 0.3411, 0.2941 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(182, 133, 158)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 158)  
}
```

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(182, 133, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 158) }
```

Border

The CSS property to change the border of an element to Yxy 29.1888, 0.3411, 0.2941 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(182, 133, 158) }
```

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

```
.border{ border-color:rgb(182, 133, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 133, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 133, 158); box-shadow:4px 4px 4px 4px rgb(182, 133, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1888, 0.3411, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 158) }
```

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

```
.background{ background-color: rgb(182,  
133, 158) }
```

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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