

Converting Colors

$Y_{xy}(29.9341, 0.3443, 0.2901)$

Have a look what the booklet for
Yxy(29.9341, 0.3443, 0.2901)
contains.

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Color

Yxy(30.0396, 0.3444, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	BC85A1
RGB	188, 133, 161
RGB Percent	74%, 52%, 63%
CMY	0.2629, 0.4783, 0.3687
CMYK	0.00, 0.29, 0.14, 0.26
HSL	329°, 29%, 63%
HSV	329°, 29%, 74%
XYZ	35.5520, 30.0396, 37.6372
YIQ	152.6370, 23.7920, 20.3680

Conversions

Conversions Part 2

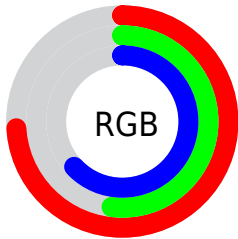
Format	Color
R_{YB}	188, 133, 161
Decimal	12354977
CIE _{Lab}	61.69, 25.39, -6.42
CIE _{LCh}	62, 26.191, 345.819
Yxy	30.0396, 0.3444, 0.2910
Android (android.graphics.Color)	4290545057 (0xFFBC85A1)
YUV	152.6370, 4.1230, 31.0134
Hunter-Lab	54.8084, 19.8712, -2.3489

Details

The Yxy color $30.0396, 0.3444, 0.2910$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $43.4774, 0.2898, 0.3706$, and the grayscale version is $31.6635, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.9110, 0.3379, 0.2985$, and $12.3590, 0.3559, 0.2804$ is the 20% darker color. If you saturate the color by 10%, you get $25.0318, 0.3595, 0.2776$, and if you desaturate by 10%, it is $35.9952, 0.3316, 0.3045$.

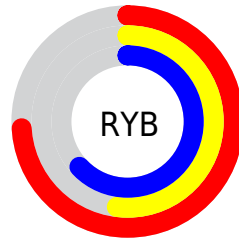
Distribution



Red (74%)

Green (52%)

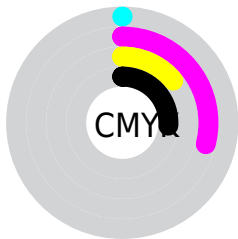
Blue (63%)



Red (74%)

Yellow (52%)

Blue (63%)

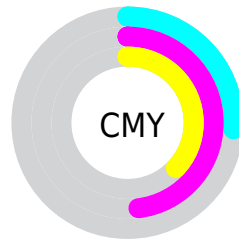


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (26%)



Cyan (26%)


Magenta (48%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0396, 0.3444, 0.2910 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 30.0396, 0.3444, 0.2910 by changing the saturation by 10% instead.


 30.0396, 0.3444,
0.2910


 30.0396, 0.3444,
0.2910


302.0890, 0.3277,
0.3108


 19.8686, 0.3489,
0.2858


 59.7248, 0.3381,
0.2984

 12.2996, 0.3548,
0.2789


 80.0078, 0.3358,
0.3011

 6.9481, 0.3631,
0.2694


 104.4303, 0.3339,
0.3034

 3.4296, 0.3755,
0.2555

133.3767, 0.3323,
0.3053

 1.3599, 0.3957,
0.2334

167.2314, 0.3309,
0.3070

 0.1869, 0.4873,
0.1142

206.3787, 0.3297,

 0.0000, 0.0000,

0.3084

0.0000

251.2031, 0.3286,
0.3097

■ 30.0396, 0.3444,
0.2910

■ 30.0396, 0.3444,
0.2910

■ 25.0318, 0.3595,
0.2776

■ 35.9952, 0.3316,
0.3045

■ 20.9179, 0.3771,
0.2649

■ 42.9404, 0.3210,
0.3175

■ 17.6453, 0.3973,
0.2539

■ 50.9196, 0.3121,
0.3299

■ 15.1537, 0.4195,
0.2457

■ 59.9731, 0.3048,
0.3415

■ 13.3748, 0.4432,
0.2415

■ 70.1391, 0.2987,
0.3522

■ 12.2284, 0.4672,
0.2424

■ 81.4541, 0.2937,
0.3621

■ 11.5699, 0.4905,
0.2481

■ 87.6752, 0.2891,
0.3612

■ 11.5254, 0.4924,
0.2486

■ 88.1944, 0.2843,
0.3509

■ 88.7413, 0.2796,
0.3407

Harmonies

Analogous

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



30.0396, 0.3012, 0.2690



30.0396, 0.3444, 0.2910



30.0396, 0.3805, 0.3220

Triad

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



30.0396, 0.3444, 0.2910



30.0396, 0.3602, 0.4043



30.0396, 0.2351, 0.2926

Complementary

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



30.0396, 0.3444, 0.2910



43.4774, 0.2898, 0.3706

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.



30.0396, 0.2486, 0.3307



30.0396, 0.3444, 0.2910



30.0396, 0.3196, 0.3999

Square

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



30.0396, 0.3444, 0.2910



30.0396, 0.3891, 0.3867



30.0396, 0.2789, 0.3718



30.0396, 0.2405, 0.2681

Rectangle

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



30.0396, 0.3444, 0.2910



30.0396, 0.3943, 0.3449



30.0396, 0.2789, 0.3718



30.0396, 0.2375, 0.3041

Sweetspot

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



30.0410, 0.3444, 0.2910



77.9675, 0.3209, 0.3176



27.8408, 0.2873, 0.2509



16.3465, 0.3223, 0.3158



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.



30.0410, 0.3444, 0.2910



48.5132, 0.3537, 0.2824



29.1877, 0.3755, 0.3279



9.6152, 0.3211, 0.3174



7.8655, 0.4897, 0.2471



0.3213, 0.4387, 0.2191

Inverse Universe

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



30.0410, 0.3444, 0.2910



48.5132, 0.3537, 0.2824



44.5294, 0.2716, 0.3302



9.6152, 0.3211, 0.3174



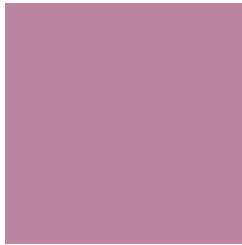
7.8655, 0.4897, 0.2471



0.3213, 0.4387, 0.2191

Previews

White Background



This preview shows how the Yxy color 30.0396, 0.3444, 0.2910 looks on a white background.

Color Contrast Check

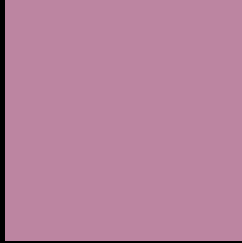
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0396, 0.3444, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

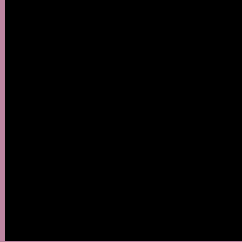
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0396, 0.3444, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 30.0396, 0.3444, 0.2910.



This preview shows how white text looks on a background with the Yxy color 30.0396, 0.3444, 0.2910.

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

30.0396, 0.3444, 0.2910

Protanopia

30.2311, 0.2898, 0.2940

Deuteranopia

30.1249, 0.3137, 0.3080



Tritanopia

30.1227, 0.3583, 0.3152

Trichromacy



Original Color

30.0396, 0.3444, 0.2910

Protanomaly

30.0120, 0.3082, 0.2937

Deuteranomaly

30.1339, 0.3247, 0.3015

Tritanomaly

30.1271, 0.3540, 0.3070

Monochromacy



Original Color

30.0396, 0.3444, 0.2910

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0651, 0.3238, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0396, 0.3444, 0.2910 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(188, 133, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 133, 161)  
}
```

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(188, 133, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 133, 161) }
```

Border

The CSS property to change the border of an element to Yxy 30.0396, 0.3444, 0.2910 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(188, 133, 161) }
```

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

```
.border{ border-color:rgb(188, 133, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 133, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 133,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0396, 0.3444, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 133, 161) }
```

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

```
.background{ background-color: rgb(188,  
133, 161) }
```

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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