

Converting Colors

$Y_{xy}(30.1167, 0.3410, 0.3027)$

Have a look what the booklet for
Yxy(30.1167, 0.3410, 0.3027)
contains.

Yxy(30.1154, 0.3414, 0.3024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.1154, 0.3414, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	B5899C
RGB	181, 137, 156
RGB Percent	71%, 54%, 61%
CMY	0.2903, 0.4627, 0.3882
CMYK	0.00, 0.24, 0.14, 0.29
HSL	334°, 23%, 62%
HSV	334°, 24%, 71%
XYZ	33.9993, 30.1154, 35.4732
YIQ	152.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

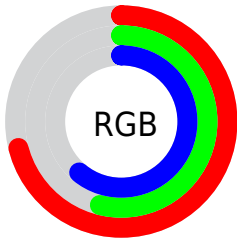
Format	Color
R_{YB}	181, 137, 156
Decimal	11897244
CIE _{Lab}	61.75, 19.79, -3.56
CIE _{LCh}	62, 20.106, 349.800
Yxy	30.1154, 0.3414, 0.3024
Android (android.graphics.Color)	4290087324 (0xFFB5899C)
YUV	152.3220, 1.8133, 25.1506
Hunter-Lab	54.8775, 14.5540, 0.0887

Details

The Yxy color **30.1154, 0.3414, 0.3024** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9685, 0.2910, 0.3573**, and the grayscale version is **31.5316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9193, 0.3357, 0.3085**, and **12.4255, 0.3516, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **25.0614, 0.3575, 0.2909**, and if you desaturate by 10%, it is **36.0647, 0.3280, 0.3137**.

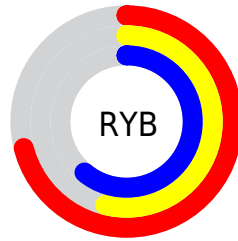
Distribution



Red (71%)

Green (54%)

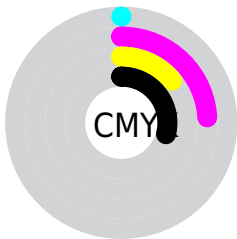
Blue (61%)



Red (71%)

Yellow (54%)

Blue (61%)

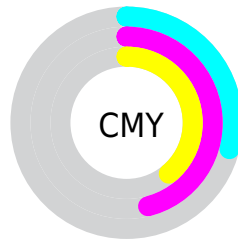


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1154, 0.3414, 0.3024 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 30.1154, 0.3414, 0.3024 by changing the saturation by 10% instead.


 30.1154, 0.3414,
0.3024


 30.1154, 0.3414,
0.3024


302.4420, 0.3261,
0.3164

 19.9262, 0.3455,
0.2986

 59.8446, 0.3356,
0.3077

 12.3414, 0.3511,
0.2936


 80.1534, 0.3335,
0.3096

 6.9766, 0.3589,
0.2867


 104.6042, 0.3318,
0.3112

 3.4475, 0.3706,
0.2764

133.5814, 0.3303,
0.3126

 1.3696, 0.3903,
0.2594

167.4694, 0.3290,
0.3138

 0.1941, 0.5050,
0.1468

206.6526, 0.3279,

 0.0000, 0.0000,

0.3148

0.0000

251.5153, 0.3270,
0.3157

■ 30.1154, 0.3414,
0.3024

■ 30.1154, 0.3414,
0.3024

■ 25.0614, 0.3575,
0.2909

■ 36.0647, 0.3280,
0.3137

■ 20.8548, 0.3767,
0.2797

■ 42.9459, 0.3169,
0.3246

■ 17.4496, 0.3990,
0.2695

■ 50.7987, 0.3077,
0.3347

■ 14.7935, 0.4244,
0.2615

■ 59.6589, 0.3002,
0.3441

■ 12.8280, 0.4521,
0.2568

■ 69.5609, 0.2940,
0.3527

■ 11.4860, 0.4808,
0.2567

■ 80.5373, 0.2888,
0.3607

■ 10.6862, 0.5088,
0.2618

■ 86.9419, 0.2840,
0.3588

■ 10.3740, 0.5243,
0.2662

■ 87.5301, 0.2788,
0.3472

■ 88.1528, 0.2737,
0.3359

Harmonies

Analogous

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



30.1154, 0.3085, 0.2838



30.1154, 0.3414, 0.3024



30.1154, 0.3672, 0.3277

Triad

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



30.1154, 0.3414, 0.3024



30.1154, 0.3459, 0.3871



30.1154, 0.2519, 0.2983

Complementary

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



30.1154, 0.3414, 0.3024



40.9685, 0.2910, 0.3573

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.



30.1154, 0.2608, 0.3266



30.1154, 0.3414, 0.3024



30.1154, 0.3142, 0.3805

Square

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



30.1154, 0.3414, 0.3024



30.1154, 0.3695, 0.3766



30.1154, 0.2832, 0.3576



30.1154, 0.2581, 0.2804

Rectangle

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



30.1154, 0.3414, 0.3024



30.1154, 0.3762, 0.3457



30.1154, 0.2832, 0.3576



30.1154, 0.2532, 0.3069

Sweetspot

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



30.1168, 0.3414, 0.3024



73.2803, 0.3198, 0.3216



28.9042, 0.2961, 0.2660



15.6793, 0.3204, 0.3209



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.1168, 0.3414, 0.3024



49.0559, 0.3494, 0.2964



30.3678, 0.3615, 0.3333



8.5642, 0.3222, 0.3192



7.1665, 0.5213, 0.2645



0.2373, 0.4517, 0.2262

Inverse Universe

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



30.1168, 0.3414, 0.3024



49.0559, 0.3494, 0.2964



40.5161, 0.2771, 0.3246



8.5642, 0.3222, 0.3192



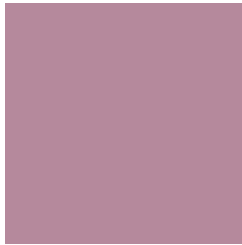
7.1665, 0.5213, 0.2645



0.2373, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 30.1154, 0.3414, 0.3024 looks on a white background.

Color Contrast Check

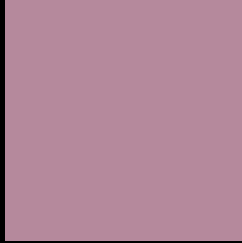
Large Text (above 18pt) WCAG AA × Fail

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 30.1154, 0.3414, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

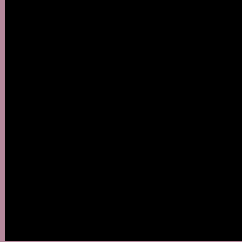
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1154, 0.3414, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 30.1154, 0.3414, 0.3024.



This preview shows how white text looks on a background with the Yxy color 30.1154, 0.3414, 0.3024.

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

30.1154, 0.3414, 0.3024

Protanopia

30.1201, 0.2988, 0.3060

Deuteranopia

30.2987, 0.3207, 0.3141



Tritanopia

30.0502, 0.3477, 0.3135

Trichromacy



Original Color

30.1154, 0.3414, 0.3024

Protanomaly

29.9582, 0.3138, 0.3051

Deuteranomaly

30.1476, 0.3286, 0.3100

Tritanomaly

30.1473, 0.3445, 0.3093

Monochromacy



Original Color

30.1154, 0.3414, 0.3024

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9539, 0.3235, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1154, 0.3414, 0.3024 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(181, 137, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 137, 156)  
}
```

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(181, 137, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 137, 156) }
```

Border

The CSS property to change the border of an element to Yxy 30.1154, 0.3414, 0.3024 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(181, 137, 156) }
```

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

```
.border{ border-color:rgb(181, 137, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 137, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 137, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 137, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 137,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1154, 0.3414, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 137, 156) }
```

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

```
.background{ background-color: rgb(181,  
137, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor