

Converting Colors

$Y_{xy}(35.4080, 0.3395, 0.3029)$

Have a look what the booklet for
Yxy(35.4080, 0.3395, 0.3029)
contains.

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Color

Yxy(35.3444, 0.3395, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	C194A8
RGB	193, 148, 168
RGB Percent	76%, 58%, 66%
CMY	0.2433, 0.4195, 0.3412
CMYK	0.00, 0.23, 0.13, 0.24
HSL	333°, 27%, 67%
HSV	333°, 23%, 76%
XYZ	39.6413, 35.3444, 41.7781
YIQ	163.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

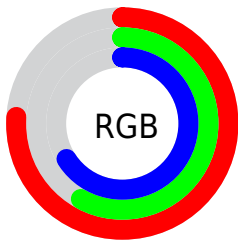
Format	Color
R_{YB}	193, 148, 168
Decimal	12686504
CIE _{Lab}	66.02, 20.05, -3.92
CIE _{LCh}	66, 20.435, 348.927
Yxy	35.3444, 0.3395, 0.3027
Android (android.graphics.Color)	4290876584 (0xFFC194A8)
YUV	163.7350, 2.1026, 25.6654
Hunter-Lab	59.4512, 14.9821, -0.0490

Details

The Yxy color **35.3444, 0.3395, 0.3027** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4344, 0.2921, 0.3570**, and the grayscale version is **36.9741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8928, 0.3346, 0.3075**, and **15.2993, 0.3483, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **29.4046, 0.3551, 0.2908**, and if you desaturate by 10%, it is **42.3294, 0.3265, 0.3144**.

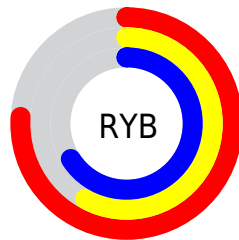
Distribution



Red (76%)

Green (58%)

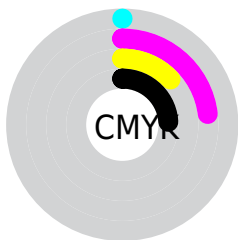
Blue (66%)



Red (76%)

Yellow (58%)

Blue (66%)

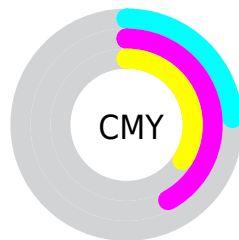


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3444, 0.3395, 0.3027 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 35.3444, 0.3395, 0.3027 by changing the saturation by 10% instead.


 35.3444, 0.3395,
0.3027


 35.3444, 0.3395,
0.3027


326.0859, 0.3256,
0.3162

 23.9283, 0.3431,
0.2992


 68.0190, 0.3343,
0.3077

 15.2804, 0.3479,
0.2946


 90.0462, 0.3324,
0.3096

 9.0164, 0.3545,
0.2884


116.3793, 0.3308,
0.3111

 4.7519, 0.3640,
0.2795

147.4026, 0.3295,
0.3124

 2.1024, 0.3792,
0.2655

183.5005, 0.3283,
0.3136

 0.6660, 0.4094,
0.2361

225.0574, 0.3273,

 0.0000, 1.0000,

0.3146

0.0000

272.4577, 0.3264,
0.3154

0.0000, 0.0000,
0.0000

35.3444, 0.3395,
0.3027

35.3444, 0.3395,
0.3027

29.4046, 0.3551,
0.2908

42.3294, 0.3265,
0.3144

24.4544, 0.3736,
0.2791

50.4020, 0.3158,
0.3255

20.4404, 0.3952,
0.2685


59.6082, 0.3070,
0.3359

17.3020, 0.4197,
0.2600


69.9898, 0.2997,
0.3456

14.9716, 0.4466,
0.2547


81.5867, 0.2937,
0.3544

 13.3715, 0.4747,
0.2540


 88.6948, 0.2883,
0.3535

 12.4082, 0.5022,
0.2586

 89.3236, 0.2828,
0.3417

 12.0000, 0.5200,
0.2638

 89.9903, 0.2774,
0.3302

 90.0715, 0.2767,
0.3289

Harmonies

Analogous

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



35.3444, 0.3078, 0.2849



35.3444, 0.3395, 0.3027



35.3444, 0.3647, 0.3270

Triad

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



35.3444, 0.3395, 0.3027



35.3444, 0.3456, 0.3848



35.3444, 0.2540, 0.3002

Complementary

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



35.3444, 0.3395, 0.3027



47.4344, 0.2921, 0.3570

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.



35.3444, 0.2631, 0.3276



35.3444, 0.3395, 0.3027



35.3444, 0.3151, 0.3790

Square

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



35.3444, 0.3395, 0.3027



35.3444, 0.3679, 0.3744



35.3444, 0.2851, 0.3573



35.3444, 0.2596, 0.2825

Rectangle

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



35.3444, 0.3395, 0.3027



35.3444, 0.3736, 0.3445



35.3444, 0.2851, 0.3573



35.3444, 0.2554, 0.3085

Sweetspot

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



35.3460, 0.3395, 0.3027



84.5504, 0.3197, 0.3213



33.8897, 0.2961, 0.2684



17.9487, 0.3203, 0.3207



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.3460, 0.3395, 0.3027



57.6240, 0.3472, 0.2966



35.3695, 0.3595, 0.3322



10.1506, 0.3221, 0.3188



8.0011, 0.5169, 0.2621



0.3596, 0.4622, 0.2320

Inverse Universe

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



35.3460, 0.3395, 0.3027



57.6240, 0.3472, 0.2966



47.2808, 0.2784, 0.3258



10.1506, 0.3221, 0.3188



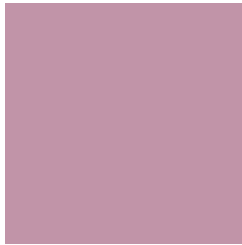
8.0011, 0.5169, 0.2621



0.3596, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 35.3444, 0.3395, 0.3027 looks on a white background.

Color Contrast Check

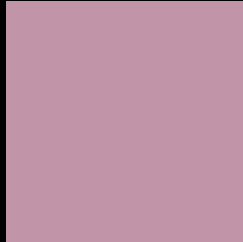
Large Text (above 18pt) WCAG AA × Fail

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 35.3444, 0.3395, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

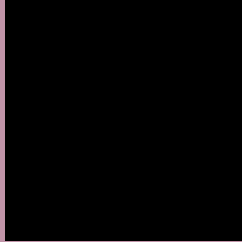
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3444, 0.3395, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 35.3444, 0.3395, 0.3027.



This preview shows how white text looks on a background with the Yxy color 35.3444, 0.3395, 0.3027.

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

35.3444, 0.3395, 0.3027

Protanopia

35.6077, 0.2988, 0.3074

Deuteranopia

35.5656, 0.3203, 0.3136



Tritanopia

35.2746, 0.3454, 0.3131

Trichromacy



Original Color

35.3444, 0.3395, 0.3027

Protanomaly

35.4134, 0.3128, 0.3066

Deuteranomaly

35.3962, 0.3276, 0.3098

Tritanomaly

35.3817, 0.3424, 0.3091

Monochromacy



Original Color

35.3444, 0.3395, 0.3027

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2843, 0.3229, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3444, 0.3395, 0.3027 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(193, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 168)  
}
```

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(193, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 168) }
```

Border

The CSS property to change the border of an element to Yxy 35.3444, 0.3395, 0.3027 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(193, 148, 168) }
```

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

```
.border{ border-color:rgb(193, 148, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 148, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(193, 148,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3444, 0.3395, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 148, 168) }
```

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

```
.background{ background-color: rgb(193,  
148, 168) }
```

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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