

Converting Colors

$Y_{xy}(29.9747, 0.3340, 0.3130)$

Have a look what the booklet for
Yxy(29.9747, 0.3340, 0.3130)
contains.

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Color

Yxy(29.9747, 0.3340, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	AB8D98
RGB	171, 141, 152
RGB Percent	67%, 55%, 60%
CMY	0.3294, 0.4470, 0.4039
CMYK	0.00, 0.18, 0.11, 0.33
HSL	338°, 15%, 61%
HSV	338°, 18%, 67%
XYZ	31.9858, 29.9747, 33.8053
YIQ	151.2240, 14.3490, 9.7810

Conversions

Conversions Part 2

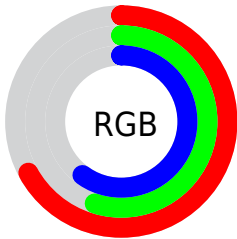
Format	Color
R_{YB}	171, 141, 152
Decimal	11242904
CIE Lab	61.63, 13.16, -1.58
CIE LCh	62, 13.256, 353.163
Yxy	29.9747, 0.3340, 0.3130
Android (android.graphics.Color)	4289432984 (0xFFAB8D98)
YUV	151.2240, 0.3826, 17.3436
Hunter-Lab	54.7492, 8.4730, 1.7153

Details

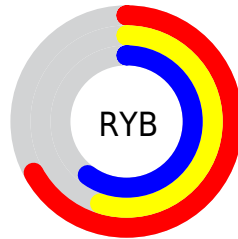
The Yxy color $29.9747, 0.3340, 0.3130$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $37.3248, 0.2953, 0.3456$, and the grayscale version is $31.0425, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.8173, 0.3302, 0.3168$, and $12.2733, 0.3407, 0.3084$ is the 20% darker color. If you saturate the color by 10%, you get $24.9775, 0.3498, 0.3033$, and if you desaturate by 10%, it is $35.7855, 0.3210, 0.3223$.

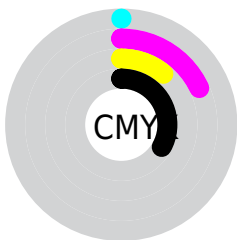
Distribution



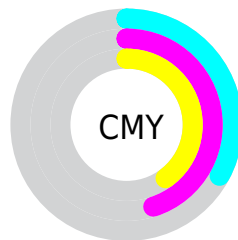
- Red (67%)
- Green (55%)
- Blue (60%)



- Red (67%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9747, 0.3340, 0.3130 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 29.9747, 0.3340, 0.3130 by changing the saturation by 10% instead.


 29.9747, 0.3340,
0.3130


 29.9747, 0.3340,
0.3130


301.7865, 0.3226,
0.3215


 19.8194, 0.3371,
0.3107

 59.6222, 0.3297,
0.3162

 12.2638, 0.3413,
0.3076


 79.8831, 0.3281,
0.3174

 6.9236, 0.3472,
0.3032


 104.2814, 0.3268,
0.3184

 3.4144, 0.3563,
0.2966

133.2014, 0.3257,
0.3192

 1.3517, 0.3717,
0.2855

167.0275, 0.3248,
0.3199

 0.1807, 0.5027,
0.1842

206.1441, 0.3239,

 0.0000, 0.0000,

0.3205

0.0000

250.9357, 0.3232,
0.3211

■ 29.9747, 0.3340,
0.3130

■ 29.9747, 0.3340,
0.3130

■ 24.9775, 0.3498,
0.3033

■ 35.7855, 0.3210,
0.3223

■ 20.7535, 0.3689,
0.2935

■ 42.4401, 0.3103,
0.3311

■ 17.2647, 0.3916,
0.2842

■ 49.9720, 0.3015,
0.3392

■ 14.4683, 0.4180,
0.2762

■ 58.4116, 0.2943,
0.3467

■ 12.3173, 0.4477,
0.2706

■ 67.7880, 0.2883,
0.3536

■ 10.7582, 0.4798,
0.2685

■ 78.1290, 0.2834,
0.3598

■ 9.7295, 0.5121,
0.2711

■ 85.7684, 0.2788,
0.3594

■ 9.1344, 0.5425,
0.2783

■ 86.3883, 0.2735,
0.3470

■ 9.0126, 0.5498,
0.2803

■ 87.0465, 0.2683,
0.3349

Harmonies

Analogous

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



29.9747, 0.3127, 0.2996



29.9747, 0.3340, 0.3130



29.9747, 0.3498, 0.3306

Triad

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



29.9747, 0.3340, 0.3130



29.9747, 0.3328, 0.3671



29.9747, 0.2718, 0.3074

Complementary

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



29.9747, 0.3340, 0.3130



37.3248, 0.2953, 0.3456

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.



29.9747, 0.2769, 0.3256



29.9747, 0.3340, 0.3130



29.9747, 0.3116, 0.3611

Square

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



29.9747, 0.3340, 0.3130



29.9747, 0.3490, 0.3620



29.9747, 0.2912, 0.3456



29.9747, 0.2773, 0.2959

Rectangle

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



29.9747, 0.3340, 0.3130



29.9747, 0.3549, 0.3428



29.9747, 0.2912, 0.3456



29.9747, 0.2724, 0.3129

Sweetspot

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



29.9760, 0.3340, 0.3130



66.8713, 0.3182, 0.3245



29.4653, 0.3034, 0.2850



14.7380, 0.3189, 0.3239



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.9760, 0.3340, 0.3130



50.0887, 0.3397, 0.3093



30.8329, 0.3447, 0.3350



8.0621, 0.3231, 0.3207



6.8041, 0.5473, 0.2788



0.2000, 0.4645, 0.2332

Inverse Universe

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



29.9760, 0.3340, 0.3130



50.0887, 0.3397, 0.3093



36.2391, 0.2865, 0.3229



8.0621, 0.3231, 0.3207



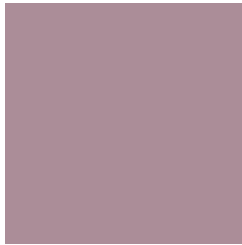
6.8041, 0.5473, 0.2788



0.2000, 0.4645, 0.2332

Previews

White Background



This preview shows how the Yxy color 29.9747, 0.3340, 0.3130 looks on a white background.

Color Contrast Check

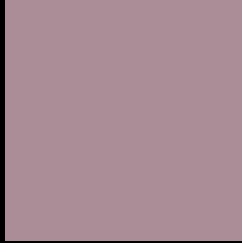
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9747, 0.3340, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

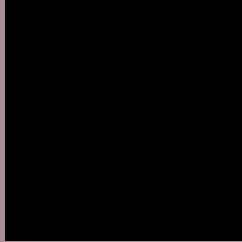
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 29.9747, 0.3340, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 29.9747, 0.3340, 0.3130.



This preview shows how white text looks on a background with the Yxy color 29.9747, 0.3340, 0.3130.

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

29.9747, 0.3340, 0.3130

Protanopia

30.0641, 0.3072, 0.3166

Deuteranopia

29.8623, 0.3249, 0.3185



Tritanopia

29.9747, 0.3340, 0.3130

Trichromacy



Original Color

29.9747, 0.3340, 0.3130

Protanomaly

29.8865, 0.3166, 0.3139

Deuteranomaly

29.8786, 0.3282, 0.3171

Tritanomaly

29.9747, 0.3340, 0.3130

Monochromacy



Original Color

29.9747, 0.3340, 0.3130

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3709, 0.3203, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9747, 0.3340, 0.3130 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(171, 141, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 141, 152)  
}
```

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(171, 141, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 141, 152) }
```

Border

The CSS property to change the border of an element to Yxy 29.9747, 0.3340, 0.3130 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(171, 141, 152) }
```

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

```
.border{ border-color:rgb(171, 141, 152) }
```

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

Here you see how a box with a 4 pixel rgb(171, 141, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 141, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 141, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 141,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9747, 0.3340, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 141, 152) }
```

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

```
.background{ background-color: rgb(171,  
141, 152) }
```

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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