

Converting Colors

$Y_{xy}(33.1796, 0.3474, 0.2971)$

Have a look what the booklet for
Yxy(33.1796, 0.3474, 0.2971)
contains.

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Color

Yxy(33.1723, 0.3484, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	C48CA4
RGB	196, 140, 164
RGB Percent	77%, 55%, 64%
CMY	0.2313, 0.4510, 0.3568
CMYK	0.00, 0.29, 0.16, 0.23
HSL	334°, 32%, 66%
HSV	334°, 29%, 77%
XYZ	38.8478, 33.1723, 39.4834
YIQ	159.4800, 25.6720, 19.3360

Conversions

Conversions Part 2

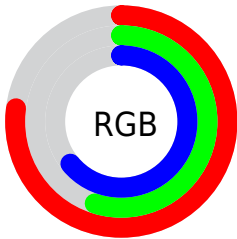
Format	Color
R _{YB}	196, 140, 164
Decimal	12881060
CIE Lab	64.30, 24.94, -4.17
CIE LCh	64, 25.287, 350.504
Yxy	33.1723, 0.3484, 0.2975
Android (android.graphics.Color)	4291071140 (0xFFC48CA4)
YUV	159.4800, 2.2284, 32.0280
Hunter-Lab	57.5954, 19.6055, -0.3283

Details

The Yxy color **33.1723, 0.3484, 0.2975** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0408, 0.2872, 0.3630**, and the grayscale version is **34.8844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5807, 0.3411, 0.3034**, and **13.9773, 0.3600, 0.2878** is the 20% darker color. If you saturate the color by 10%, you get **27.5598, 0.3661, 0.2861**, and if you desaturate by 10%, it is **39.8438, 0.3337, 0.3090**.

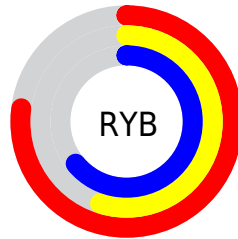
Distribution



Red (77%)

Green (55%)

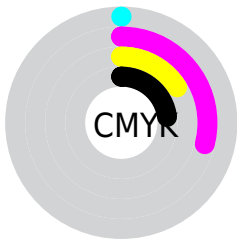
Blue (64%)



Red (77%)

Yellow (55%)

Blue (64%)

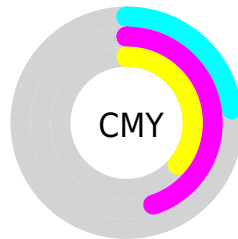


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1723, 0.3484, 0.2975 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 33.1723, 0.3484, 0.2975 by changing the saturation by 10% instead.


 33.1723, 0.3484,
0.2975


 33.1723, 0.3484,
0.2975


316.4254, 0.3297,
0.3138


 22.2585, 0.3534,
0.2932


 64.6444, 0.3414,
0.3036

 14.0469, 0.3599,
0.2877


 85.9715, 0.3388,
0.3058

 8.1533, 0.3690,
0.2800


 111.5385, 0.3367,
0.3077

 4.1932, 0.3823,
0.2689

141.7298, 0.3349,
0.3093

 1.7822, 0.4038,
0.2515

176.9297, 0.3333,
0.3106

 0.4761, 0.4567,
0.2011

217.5227, 0.3320,

 0.0000, 1.0000,

0.3118

0.0000

263.8931, 0.3308,
0.3129

0.0000, 0.0000,
0.0000

33.1723, 0.3484,
0.2975

33.1723, 0.3484,
0.2975

27.5598, 0.3661,
0.2861

39.8438, 0.3337,
0.3090

22.9467, 0.3869,
0.2752

47.6207, 0.3215,
0.3200

19.2743, 0.4109,
0.2659

56.5524, 0.3114,
0.3304

16.4760, 0.4378,
0.2594

66.6836, 0.3031,
0.3401

14.4763, 0.4665,
0.2567

78.0570, 0.2963,
0.3491

■ 13.1865, 0.4955,
0.2592

■ 89.0388, 0.2906,
0.3546

■ 12.4643, 0.5231,
0.2665

■ 89.6927, 0.2848,
0.3423

■ 12.3786, 0.5269,
0.2676

■ 90.3878, 0.2791,
0.3304

■ 90.4779, 0.2784,
0.3289

Harmonies

Analogous

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



33.1723, 0.3083, 0.2751



33.1723, 0.3484, 0.2975



33.1723, 0.3798, 0.3276

Triad

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



33.1723, 0.3484, 0.2975



33.1723, 0.3518, 0.4001



33.1723, 0.2395, 0.2906

Complementary

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



33.1723, 0.3484, 0.2975



48.0408, 0.2872, 0.3630

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.



33.1723, 0.2495, 0.3247



33.1723, 0.3484, 0.2975



33.1723, 0.3131, 0.3921

Square

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



33.1723, 0.3484, 0.2975



33.1723, 0.3811, 0.3868



33.1723, 0.2759, 0.3633



33.1723, 0.2473, 0.2698

Rectangle

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



33.1723, 0.3484, 0.2975



33.1723, 0.3904, 0.3492



33.1723, 0.2759, 0.3633



33.1723, 0.2408, 0.3008

Sweetspot

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



33.1738, 0.3484, 0.2975



85.4055, 0.3221, 0.3194



31.4827, 0.2923, 0.2535



17.8107, 0.3238, 0.3178



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



33.1738, 0.3484, 0.2975



53.8067, 0.3585, 0.2907



33.4964, 0.3735, 0.3342



10.1480, 0.3223, 0.3192



7.9689, 0.5235, 0.2657



0.3581, 0.4672, 0.2348

Inverse Universe

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



33.1738, 0.3484, 0.2975



53.8067, 0.3585, 0.2907



47.3844, 0.2712, 0.3237



10.1480, 0.3223, 0.3192



7.9689, 0.5235, 0.2657



0.3581, 0.4672, 0.2348

Previews

White Background



This preview shows how the Yxy color 33.1723, 0.3484, 0.2975 looks on a white background.

Color Contrast Check

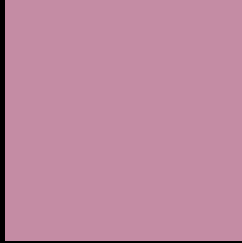
Large Text (above 18pt) WCAG AA × Fail

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 33.1723, 0.3484, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

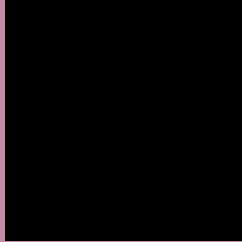
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1723, 0.3484, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 33.1723, 0.3484, 0.2975.



This preview shows how white text looks on a background with the Yxy color 33.1723, 0.3484, 0.2975.

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

33.1723, 0.3484, 0.2975

Protanopia

33.3298, 0.2958, 0.3025

Deuteranopia

33.1769, 0.3205, 0.3132



Tritanopia

33.2480, 0.3587, 0.3145

Trichromacy



Original Color

33.1723, 0.3484, 0.2975

Protanomaly

33.1500, 0.3131, 0.3006

Deuteranomaly

33.0955, 0.3303, 0.3068

Tritanomaly

33.0862, 0.3546, 0.3078

Monochromacy



Original Color

33.1723, 0.3484, 0.2975

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.8003, 0.3244, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1723, 0.3484, 0.2975 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(196, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 164)  
}
```

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(196, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 164) }
```

Border

The CSS property to change the border of an element to Yxy 33.1723, 0.3484, 0.2975 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(196, 140, 164) }
```

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

```
.border{ border-color:rgb(196, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1723, 0.3484, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 140, 164) }
```

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

```
.background{ background-color: rgb(196,  
140, 164) }
```

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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