

Converting Colors

Yxy(36.2586, 0.3453, 0.3141)

Have a look what the booklet for
Yxy(36.2586, 0.3453, 0.3141)
contains.

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Color

Yxy(36.2469, 0.3450, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	C297A3
RGB	194, 151, 163
RGB Percent	76%, 59%, 64%
CMY	0.2392, 0.4078, 0.3607
CMYK	0.00, 0.22, 0.16, 0.24
HSL	343°, 26%, 68%
HSV	343°, 22%, 76%
XYZ	39.9271, 36.2469, 39.5568
YIQ	165.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

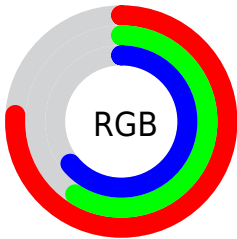
Format	Color
RYB	194, 151, 163
Decimal	12752803
CIELab	66.71, 17.97, -0.11
CIElCh	67, 17.966, 359.654
Yxy	36.2469, 0.3450, 0.3132
Android (android.graphics.Color)	4290942883 (0xFFC297A3)
YUV	165.2250, -1.0969, 25.2357
Hunter-Lab	60.2054, 13.0186, 3.1884

Details

The Yxy color **36.2469, 0.3450, 0.3132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5379, 0.2882, 0.3455**, and the grayscale version is **37.7394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2338, 0.3387, 0.3157**, and **15.8375, 0.3562, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **30.0359, 0.3650, 0.3056**, and if you desaturate by 10%, it is **43.5440, 0.3286, 0.3206**.

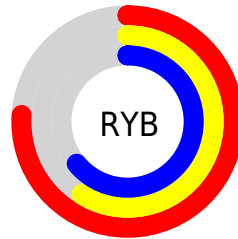
Distribution



Red (76%)

Green (59%)

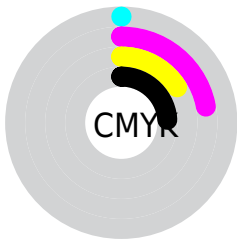
Blue (64%)



Red (76%)

Yellow (59%)

Blue (64%)

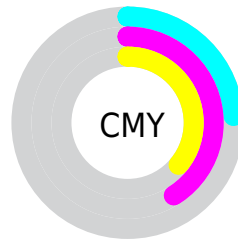


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2469, 0.3450, 0.3132 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 36.2469, 0.3450, 0.3132 by changing the saturation by 10% instead.

 36.2469, 0.3450,
0.3132

 36.2469, 0.3450,
0.3132


330.0384, 0.3282,
0.3214

 24.6249, 0.3494,
0.3110


 69.4130, 0.3387,
0.3163

 15.7978, 0.3553,
0.3082


 91.7259, 0.3364,
0.3174

 9.3812, 0.3633,
0.3042


118.3712, 0.3345,
0.3184

 4.9907, 0.3751,
0.2985

149.7334, 0.3328,
0.3192

 2.2418, 0.3940,
0.2892

186.1968, 0.3314,
0.3198

 0.7426, 0.4313,
0.2709

228.1459, 0.3302,

 0.0000, 1.0000,

0.3204

0.0000

275.9649, 0.3291,
0.3210

0.0000, 0.0000,
0.0000

36.2469, 0.3450,
0.3132

36.2469, 0.3450,
0.3132

30.0359, 0.3650,
0.3056

43.5440, 0.3286,
0.3206

24.8540, 0.3893,
0.2982

51.9707, 0.3153,
0.3276

20.6465, 0.4181,
0.2916

61.5743, 0.3044,
0.3340

17.3519, 0.4513,
0.2867

72.3976, 0.2955,
0.3400

14.9010, 0.4878,
0.2845

84.4816, 0.2883,
0.3454

■ 13.2153, 0.5253,
0.2862

■ 89.6959, 0.2814,
0.3375

■ 12.2007, 0.5602,
0.2923

■ 90.2089, 0.2773,
0.3289

■ 11.7379, 0.5841,
0.2991

Harmonies

Analogous

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



36.2469, 0.3185, 0.2950



36.2469, 0.3450, 0.3132



36.2469, 0.3629, 0.3357

Triad

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



36.2469, 0.3450, 0.3132



36.2469, 0.3325, 0.3774



36.2469, 0.2615, 0.2973

Complementary

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



36.2469, 0.3450, 0.3132



48.5379, 0.2882, 0.3455

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.



36.2469, 0.2649, 0.3188



36.2469, 0.3450, 0.3132



36.2469, 0.3052, 0.3669

Square

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



36.2469, 0.3450, 0.3132



36.2469, 0.3552, 0.3734



36.2469, 0.2806, 0.3448



36.2469, 0.2710, 0.2854

Rectangle

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



36.2469, 0.3450, 0.3132



36.2469, 0.3671, 0.3508



36.2469, 0.2806, 0.3448



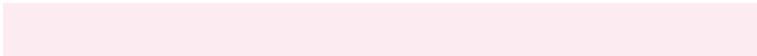
36.2469, 0.2612, 0.3036

Sweetspot

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



36.2485, 0.3450, 0.3132



86.3443, 0.3215, 0.3242



35.9516, 0.3037, 0.2726



18.7029, 0.3223, 0.3237



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.



36.2485, 0.3450, 0.3132



59.5095, 0.3551, 0.3092



38.9555, 0.3547, 0.3415



10.1232, 0.3246, 0.3226



7.7298, 0.5807, 0.2973



0.3461, 0.5149, 0.2610

Inverse Universe

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



36.2485, 0.3450, 0.3132



59.5095, 0.3551, 0.3092



45.0394, 0.2793, 0.3162



10.1232, 0.3246, 0.3226



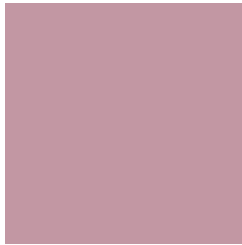
7.7298, 0.5807, 0.2973



0.3461, 0.5149, 0.2610

Previews

White Background



This preview shows how the Yxy color 36.2469, 0.3450, 0.3132 looks on a white background.

Color Contrast Check

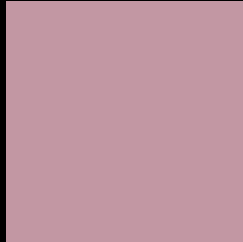
Large Text (above 18pt) WCAG AA × Fail

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 36.2469, 0.3450, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

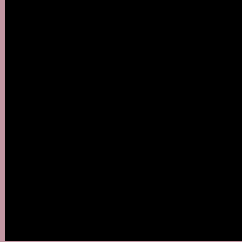
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2469, 0.3450, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 36.2469, 0.3450, 0.3132.



This preview shows how white text looks on a background with the Yxy color 36.2469, 0.3450, 0.3132.

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

36.2469, 0.3450, 0.3132

Protanopia

36.4918, 0.3076, 0.3190

Deuteranopia

36.1876, 0.3288, 0.3221



Tritanopia

36.2469, 0.3450, 0.3132

Trichromacy



Original Color

36.2469, 0.3450, 0.3132

Protanomaly

36.2424, 0.3201, 0.3165

Deuteranomaly

36.2417, 0.3351, 0.3195

Tritanomaly

36.2469, 0.3450, 0.3132

Monochromacy



Original Color

36.2469, 0.3450, 0.3132

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0521, 0.3246, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2469, 0.3450, 0.3132 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(194, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 151, 163)  
}
```

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(194, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 151, 163) }
```

Border

The CSS property to change the border of an element to Yxy 36.2469, 0.3450, 0.3132 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(194, 151, 163) }
```

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

```
.border{ border-color:rgb(194, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 151,  
163) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 36.2469, 0.3450, 0.3132$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 151, 163) }
```

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

```
.background{ background-color: rgb(194,  
151, 163) }
```

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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