

Converting Colors

$Yxy(36.6840, 0.3502, 0.3467)$

Have a look what the booklet for
Yxy(36.6840, 0.3502, 0.3467)
contains.

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Color

Yxy(36.6884, 0.3510, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	B89E91
RGB	184, 158, 145
RGB Percent	72%, 62%, 57%
CMY	0.2785, 0.3803, 0.4314
CMYK	0.00, 0.14, 0.21, 0.28
HSL	20°, 22%, 65%
HSV	20°, 21%, 72%
XYZ	37.1006, 36.6884, 31.9108
YIQ	164.2920, 19.6690, 1.4690

Conversions

Conversions Part 2

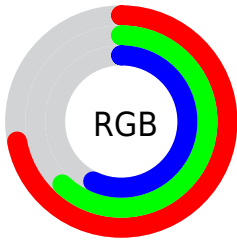
Format	Color
RYB	184, 165, 145
Decimal	12099217
CIELab	67.04, 7.47, 10.33
CIELCh	67, 12.747, 54.121
Yxy	36.6884, 0.3510, 0.3471
Android (android.graphics.Color)	4290289297 (0xFFB89E91)
YUV	164.2920, -9.5110, 17.2839
Hunter-Lab	60.5710, 3.3348, 11.1637

Details

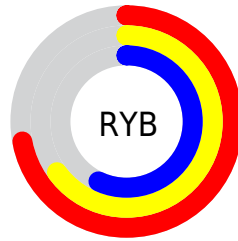
The Yxy color **36.6884, 0.3510, 0.3471** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5894, 0.2804, 0.3102**, and the grayscale version is **37.3096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2373, 0.3430, 0.3440**, and **16.0874, 0.3619, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **32.1932, 0.3741, 0.3562**, and if you desaturate by 10%, it is **41.6957, 0.3313, 0.3383**.

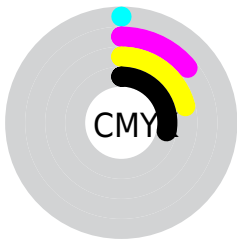
Distribution



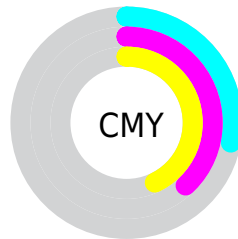
- Red (72%)
- Green (62%)
- Blue (57%)



- Red (72%)
- Yellow (65%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (28%)





- Cyan (28%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6884, 0.3510, 0.3471 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 36.6884, 0.3510, 0.3471 by changing the saturation by 10% instead.


 36.6884, 0.3510,
0.3471


 36.6884, 0.3510,
0.3471


331.9595, 0.3310,
0.3380

 24.9663, 0.3563,
0.3494


 70.0933, 0.3435,
0.3438

 16.0520, 0.3633,
0.3524


 92.5449, 0.3408,
0.3425

 9.5609, 0.3729,
0.3563


119.3418, 0.3385,
0.3415

 5.1088, 0.3870,
0.3617

150.8684, 0.3365,
0.3406

 2.3113, 0.4095,
0.3696

187.5090, 0.3348,
0.3398

 0.7797, 0.5054,
0.4255


229.6482, 0.3334,


 0.0000, 0.0000,


0.3391

0.0000


277.6702, 0.3321,
0.3385


 36.6884, 0.3510,
0.3471


 36.6884, 0.3510,
0.3471

 32.1932, 0.3741,
0.3562

 41.6957, 0.3313,
0.3383


 28.1885, 0.4008,
0.3652


 47.2259, 0.3145,
0.3300


 24.6586, 0.4312,
0.3735

 53.2957, 0.3003,
0.3222

 21.5848, 0.4647,
0.3802

 59.9196, 0.2883,
0.3151

 18.9471, 0.4998,
0.3841

 67.1113, 0.2780,
0.3086

■ 16.7239, 0.5342,
0.3840

■ 74.8597, 0.2694,
0.3031

■ 14.8913, 0.5649,
0.3791

■ 81.9822, 0.2708,
0.3168

■ 13.5728, 0.5875,
0.3717

■ 88.9278, 0.2721,
0.3289

Harmonies

Analogous

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



36.6884, 0.3464, 0.3311



36.6884, 0.3510, 0.3471



36.6884, 0.3450, 0.3590

Triad

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



36.6884, 0.3510, 0.3471



36.6884, 0.2929, 0.3434



36.6884, 0.2946, 0.2968

Complementary

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



36.6884, 0.3510, 0.3471



38.5894, 0.2804, 0.3102

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.



36.6884, 0.2811, 0.2990



36.6884, 0.3510, 0.3471



36.6884, 0.2801, 0.3254

Square

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



36.6884, 0.3510, 0.3471



36.6884, 0.3112, 0.3574



36.6884, 0.2759, 0.3092



36.6884, 0.3134, 0.3027

Rectangle

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



36.6884, 0.3510, 0.3471



36.6884, 0.3359, 0.3628



36.6884, 0.2759, 0.3092



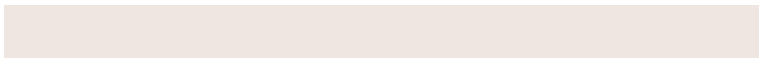
36.6884, 0.2893, 0.2966

Sweetspot

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



36.6901, 0.3510, 0.3471



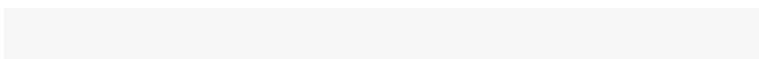
80.5875, 0.3224, 0.3340



33.3761, 0.3277, 0.2938



17.2341, 0.3235, 0.3345



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.6901, 0.3510, 0.3471



62.9692, 0.3603, 0.3509



43.8669, 0.3458, 0.3728



9.4892, 0.3280, 0.3367



9.4745, 0.5853, 0.3735



0.4509, 0.5343, 0.4140

Inverse Universe

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



38.5894, 0.2804, 0.3102



66.9721, 0.2739, 0.3059



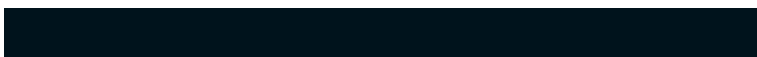
31.7704, 0.2784, 0.2810



9.6916, 0.2985, 0.3212



12.2058, 0.1938, 0.2175



0.5391, 0.2027, 0.2496

Previews

White Background



This preview shows how the Yxy color 36.6884, 0.3510, 0.3471 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 36.6884, 0.3510, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

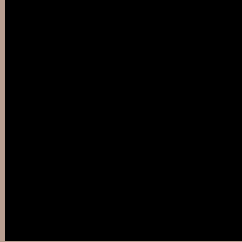
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6884, 0.3510, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 36.6884, 0.3510, 0.3471.



This preview shows how white text looks on a background with the Yxy color 36.6884, 0.3510, 0.3471.

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

36.6884, 0.3510, 0.3471

Protanopia

36.8470, 0.3338, 0.3521

Deuteranopia

36.5974, 0.3533, 0.3456



Tritanopia

36.7975, 0.3333, 0.3129

Trichromacy



Original Color

36.6884, 0.3510, 0.3471

Protanomaly

36.6790, 0.3402, 0.3504

Deuteranomaly

36.4726, 0.3523, 0.3457

Tritanomaly

36.7192, 0.3398, 0.3250

Monochromacy



Original Color

36.6884, 0.3510, 0.3471

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9329, 0.3258, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6884, 0.3510, 0.3471 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(184, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 158, 145)  
}
```

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(184, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 158, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.6884, 0.3510, 0.3471 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(184, 158, 145) }
```

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

```
.border{ border-color:rgb(184, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 158,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6884, 0.3510, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 158, 145) }
```

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

```
.background{ background-color: rgb(184,  
158, 145) }
```

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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