

Converting Colors

$Yxy(36.6320, 0.3769, 0.3364)$

Have a look what the booklet for
Yxy(36.6320, 0.3769, 0.3364)
contains.

Yxy(36.4876, 0.3767, 0.3356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.4876, 0.3767, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	CD9590
RGB	205, 149, 144
RGB Percent	80%, 58%, 56%
CMY	0.1961, 0.4156, 0.4352
CMYK	0.00, 0.27, 0.30, 0.20
HSL	5°, 38%, 68%
HSV	5°, 30%, 80%
XYZ	40.9561, 36.4876, 31.2797
YIQ	165.1740, 34.9810, 10.3170

Conversions

Conversions Part 2

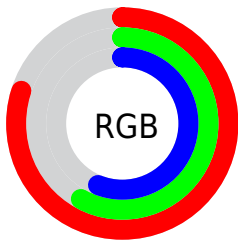
Format	Color
R _Y B	205, 149, 144
Decimal	13473168
CIE Lab	66.89, 20.37, 10.95
CIE LCh	67, 23.124, 28.259
Yxy	36.4876, 0.3767, 0.3356
Android (android.graphics.Color)	4291663248 (0xFFCD9590)
YUV	165.1740, -10.4388, 34.9274
Hunter-Lab	60.4050, 15.3189, 11.5811

Details

The Yxy color $36.4876, 0.3767, 0.3356$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.6459, 0.2694, 0.3223$, and the grayscale version is $37.7544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.0491, 0.3576, 0.3343$, and $15.9331, 0.3963, 0.3362$ is the 20% darker color. If you saturate the color by 10%, you get $30.4355, 0.4084, 0.3379$, and if you desaturate by 10%, it is $43.6195, 0.3506, 0.3333$.

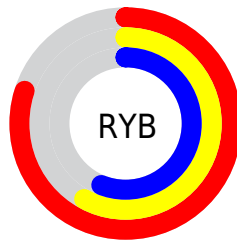
Distribution



Red (80%)

Green (58%)

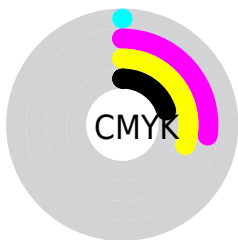
Blue (56%)



Red (80%)

Yellow (58%)

Blue (56%)

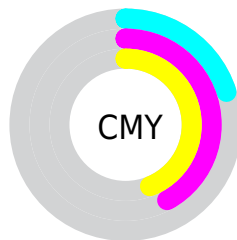


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4876, 0.3767, 0.3356 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 36.4876, 0.3767, 0.3356 by changing the saturation by 10% instead.


 36.4876, 0.3767,
0.3356


 36.4876, 0.3767,
0.3356

331.0868, 0.3431,
0.3329

 24.8110, 0.3856,
0.3360


 69.7840, 0.3641,
0.3348

 15.9363, 0.3974,
0.3364


 92.1726, 0.3595,
0.3344

 9.4791, 0.4136,
0.3366


118.9007, 0.3556,
0.3341

 5.0550, 0.4373,
0.3363

150.3526, 0.3524,
0.3338

 2.2796, 0.4749,
0.3340

186.9128, 0.3495,
0.3336

 0.7629, 0.6077,
0.3615

228.9656, 0.3471,

 0.0000, 1.0000,


0.3333


0.0000


276.8955, 0.3450,
0.3331

 0.0000, 0.0000,
0.0000

 36.4876, 0.3767,
0.3356

 36.4876, 0.3767,
0.3356

 30.4355, 0.4084,
0.3379


 43.6195, 0.3506,
0.3333


 25.4056, 0.4462,
0.3399


 51.8747, 0.3295,
0.3310

 21.3430, 0.4892,
0.3413

 61.3006, 0.3123,
0.3289

 18.1854, 0.5349,
0.3416

 71.9406, 0.2984,
0.3270

 15.8634, 0.5782,
0.3405

 83.8356, 0.2871,
0.3253

■ 14.2974, 0.6127,
0.3377

■ 91.7166, 0.2832,
0.3289

■ 13.3867, 0.6340,
0.3344

■ 13.3702, 0.6345,
0.3344

Harmonies

Analogous

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



36.4876, 0.3527, 0.3075



36.4876, 0.3767, 0.3356



36.4876, 0.3822, 0.3637

Triad

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



36.4876, 0.3767, 0.3356



36.4876, 0.3043, 0.3794



36.4876, 0.2587, 0.2738

Complementary

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



36.4876, 0.3767, 0.3356



51.6459, 0.2694, 0.3223

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.



36.4876, 0.2476, 0.2890



36.4876, 0.3767, 0.3356



36.4876, 0.2728, 0.3508

Square

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



36.4876, 0.3767, 0.3356



36.4876, 0.3392, 0.3918



36.4876, 0.2526, 0.3169



36.4876, 0.2840, 0.2729

Rectangle

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



36.4876, 0.3767, 0.3356



36.4876, 0.3748, 0.3791



36.4876, 0.2526, 0.3169



36.4876, 0.2533, 0.2773

Sweetspot

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



36.4893, 0.3767, 0.3356



85.8930, 0.3283, 0.3309



37.1442, 0.3199, 0.2601



17.9289, 0.3311, 0.3312



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.



36.4893, 0.3767, 0.3356



52.9268, 0.3974, 0.3372



47.0583, 0.3660, 0.3725



11.3586, 0.3288, 0.3310



8.3822, 0.6332, 0.3354



0.4847, 0.6121, 0.3522

Inverse Universe

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



51.6459, 0.2694, 0.3223



81.8511, 0.2608, 0.3205



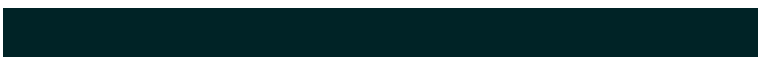
39.2534, 0.2649, 0.2812



12.5639, 0.2984, 0.3270



25.2641, 0.2176, 0.3034



1.3508, 0.2191, 0.3088

Previews

White Background



This preview shows how the Yxy color 36.4876, 0.3767, 0.3356 looks on a white background.

Color Contrast Check

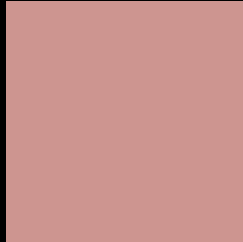
Large Text (above 18pt) WCAG AA × Fail

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 36.4876, 0.3767, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

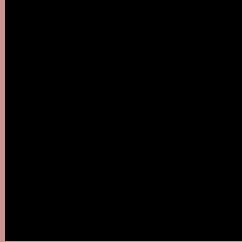
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4876, 0.3767, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 36.4876, 0.3767, 0.3356.



This preview shows how white text looks on a background with the Yxy color 36.4876, 0.3767, 0.3356.

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

36.4876, 0.3767, 0.3356

Protanopia

36.5100, 0.3294, 0.3449

Deuteranopia

36.5362, 0.3553, 0.3484



Tritanopia

36.4579, 0.3636, 0.3151

Trichromacy



Original Color

36.4876, 0.3767, 0.3356

Protanomaly

36.1971, 0.3463, 0.3416

Deuteranomaly

36.4318, 0.3635, 0.3439

Tritanomaly

36.6015, 0.3686, 0.3228

Monochromacy



Original Color

36.4876, 0.3767, 0.3356

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.9339, 0.3352, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4876, 0.3767, 0.3356 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(205, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(205, 149, 144)  
}
```

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(205, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 149, 144) }
```

Border

The CSS property to change the border of an element to Yxy 36.4876, 0.3767, 0.3356 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(205, 149, 144) }
```

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

```
.border{ border-color:rgb(205, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(205, 149,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4876, 0.3767, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 149, 144) }
```

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

```
.background{ background-color: rgb(205,  
149, 144) }
```

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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