

Converting Colors

$Yxy(36.0381, 0.3660, 0.3453)$

Have a look what the booklet for
Yxy(36.0381, 0.3660, 0.3453)
contains.

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Color

Yxy(36.0430, 0.3659, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	C1998D
RGB	193, 153, 141
RGB Percent	76%, 60%, 55%
CMY	0.2431, 0.4000, 0.4470
CMYK	0.00, 0.21, 0.27, 0.24
HSL	14°, 30%, 65%
HSV	14°, 27%, 76%
XYZ	38.1933, 36.0430, 30.1454
YIQ	163.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

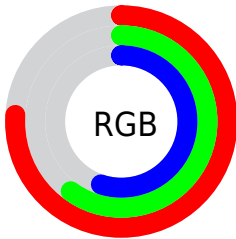
Format	Color
R _Y B	193, 157, 141
Decimal	12687757
CIE Lab	66.55, 13.13, 11.98
CIE LCh	67, 17.778, 42.368
Yxy	36.0430, 0.3659, 0.3453
Android (android.graphics.Color)	4290877837 (0xFFC1998D)
YUV	163.5920, -11.1379, 25.7908
Hunter-Lab	60.0358, 8.4945, 12.2541

Details

The Yxy color **36.0430, 0.3659, 0.3453** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5678, 0.2722, 0.3120**, and the grayscale version is **36.9658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8898, 0.3550, 0.3417**, and **15.7470, 0.3836, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **30.9570, 0.3931, 0.3517**, and if you desaturate by 10%, it is **41.8374, 0.3431, 0.3390**.

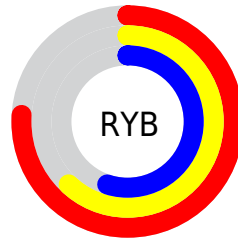
Distribution



Red (76%)

Green (60%)

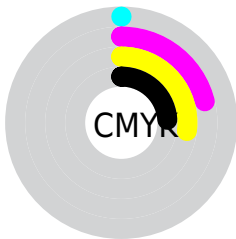
Blue (55%)



Red (76%)

Yellow (62%)

Blue (55%)

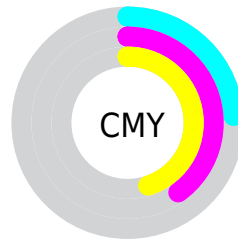


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0430, 0.3659, 0.3453 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 36.0430, 0.3659, 0.3453 by changing the saturation by 10% instead.


 36.0430, 0.3659,
0.3453


 36.0430, 0.3659,
0.3453


329.1484, 0.3379,
0.3374

 24.4674, 0.3733,
0.3472


 69.0984, 0.3554,
0.3425

 15.6807, 0.3832,
0.3495


 91.3471, 0.3516,
0.3414

 9.2985, 0.3967,
0.3525


 117.9222, 0.3484,
0.3405

 4.9364, 0.4166,
0.3562

149.2081, 0.3456,
0.3397

 2.2100, 0.4483,
0.3606

185.5893, 0.3433,
0.3390

 0.7254, 0.5848,
0.4152


227.4502, 0.3413,

 0.0000, 0.0000,


0.3384

0.0000


275.1751, 0.3395,
0.3378


 36.0430, 0.3659,
0.3453

 36.0430, 0.3659,
0.3453

 30.9570, 0.3931,
0.3517


 41.8374, 0.3431,
0.3390

 26.5471, 0.4249,
0.3577


 48.3611, 0.3240,
0.3329


 22.7857, 0.4611,
0.3626

 55.6400, 0.3082,
0.3273

 19.6417, 0.5004,
0.3656

 63.6977, 0.2950,
0.3222

 17.0809, 0.5402,
0.3656

 72.5564, 0.2839,
0.3175

■ 15.0658, 0.5764,
0.3618

■ 82.1202, 0.2756,
0.3151

■ 13.5529, 0.6047,
0.3544

■ 90.0787, 0.2768,
0.3289

■ 13.1788, 0.6122,
0.3521

Harmonies

Analogous

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



36.0430, 0.3537, 0.3226



36.0430, 0.3659, 0.3453



36.0430, 0.3630, 0.3651

Triad

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



36.0430, 0.3659, 0.3453



36.0430, 0.2942, 0.3583



36.0430, 0.2788, 0.2841

Complementary

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



36.0430, 0.3659, 0.3453



42.5678, 0.2722, 0.3120

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.



36.0430, 0.2644, 0.2912



36.0430, 0.3659, 0.3453



36.0430, 0.2730, 0.3337

Square

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



36.0430, 0.3659, 0.3453



36.0430, 0.3210, 0.3742



36.0430, 0.2623, 0.3090



36.0430, 0.3026, 0.2883

Rectangle

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



36.0430, 0.3659, 0.3453



36.0430, 0.3532, 0.3739



36.0430, 0.2623, 0.3090



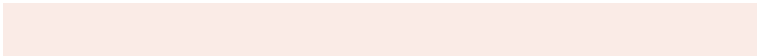
36.0430, 0.2728, 0.2852

Sweetspot

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



36.0447, 0.3659, 0.3453



85.1552, 0.3261, 0.3336



33.7571, 0.3268, 0.2762



17.8747, 0.3288, 0.3345



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



36.0447, 0.3659, 0.3453



59.3326, 0.3804, 0.3489



45.2123, 0.3575, 0.3778



10.4465, 0.3283, 0.3344



8.8672, 0.6101, 0.3538



0.4918, 0.5656, 0.3891

Inverse Universe

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



42.5678, 0.2722, 0.3120



72.8416, 0.2643, 0.3080



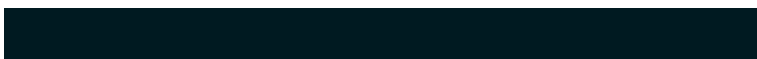
33.2040, 0.2686, 0.2748



11.0218, 0.2984, 0.3236



16.8753, 0.2038, 0.2536



0.8277, 0.2090, 0.2724

Previews

White Background



This preview shows how the Yxy color 36.0430, 0.3659, 0.3453 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 36.0430, 0.3659, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

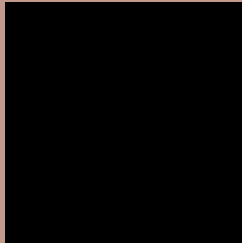
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0430, 0.3659, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 36.0430, 0.3659, 0.3453.



This preview shows how white text looks on a background with the Yxy color 36.0430, 0.3659, 0.3453.

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

36.0430, 0.3659, 0.3453

Protanopia

36.3200, 0.3349, 0.3537

Deuteranopia

36.1095, 0.3586, 0.3512



Tritanopia

36.0234, 0.3473, 0.3133

Trichromacy



Original Color

36.0430, 0.3659, 0.3453

Protanomaly

36.2749, 0.3456, 0.3503

Deuteranomaly

36.1550, 0.3621, 0.3496

Tritanomaly

35.9356, 0.3542, 0.3251

Monochromacy



Original Color

36.0430, 0.3659, 0.3453

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6559, 0.3310, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0430, 0.3659, 0.3453 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(193, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(193, 153, 141)  
}
```

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(193, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 153, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.0430, 0.3659, 0.3453 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(193, 153, 141) }
```

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

```
.border{ border-color:rgb(193, 153, 141) }
```

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

Here you see how a box with a 4 pixel rgb(193, 153, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(193, 153,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0430, 0.3659, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 153, 141) }
```

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

```
.background{ background-color: rgb(193,  
153, 141) }
```

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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