

Converting Colors

$Yxy(36.5665, 0.3791, 0.3304)$

Have a look what the booklet for
Yxy(36.5665, 0.3791, 0.3304)
contains.

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Color

Yxy(36.4981, 0.3795, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	D19392
RGB	209, 147, 146
RGB Percent	82%, 58%, 57%
CMY	0.1805, 0.4234, 0.4275
CMYK	0.00, 0.30, 0.30, 0.18
HSL	1°, 41%, 70%
HSV	1°, 30%, 82%
XYZ	41.9093, 36.4981, 32.0256
YIQ	165.4240, 37.2730, 12.8330

Conversions

Conversions Part 2

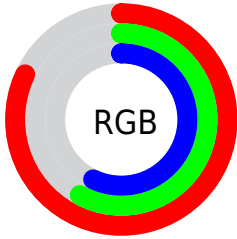
Format	Color
R _Y B	209, 147, 146
Decimal	13734802
CIE Lab	66.90, 23.24, 9.92
CIE LCh	67, 25.271, 23.117
Yxy	36.4981, 0.3795, 0.3305
Android (android.graphics.Color)	4291924882 (0xFFD19392)
YUV	165.4240, -9.5760, 38.2162
Hunter-Lab	60.4137, 18.1026, 10.8597

Details

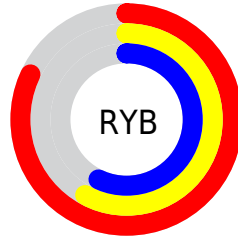
The Yxy color **36.4981, 0.3795, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.7935, 0.2694, 0.3275**, and the grayscale version is **37.8749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2034, 0.3564, 0.3302**, and **15.9826, 0.4003, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **30.0751, 0.4129, 0.3310**, and if you desaturate by 10%, it is **44.1856, 0.3523, 0.3300**.

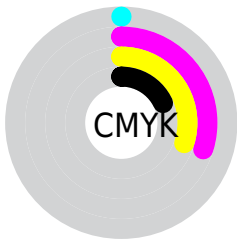
Distribution



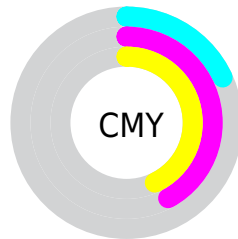
- Red (82%)
- Green (58%)
- Blue (57%)



- Red (82%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4981, 0.3795, 0.3305 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 36.4981, 0.3795, 0.3305 by changing the saturation by 10% instead.

 36.4981, 0.3795,
0.3305


 36.4981, 0.3795,
0.3305


331.1324, 0.3444,
0.3305

 24.8191, 0.3888,
0.3302


 69.8002, 0.3663,
0.3307

 15.9424, 0.4011,
0.3297


 92.1921, 0.3615,
0.3307

 9.4834, 0.4180,
0.3287


118.9238, 0.3575,
0.3307

 5.0578, 0.4427,
0.3265

150.3796, 0.3541,
0.3307

 2.2812, 0.4818,
0.3215

186.9440, 0.3512,
0.3306

 0.7637, 0.6046,
0.3349

229.0013, 0.3486,

 0.0000, 1.0000,


0.3306


0.0000


276.9360, 0.3464,
0.3305

 0.0000, 0.0000,
0.0000


 36.4981, 0.3795,
0.3305


 36.4981, 0.3795,
0.3305


 30.0751, 0.4129,
0.3310


 44.1856, 0.3523,
0.3300


 24.8441, 0.4529,
0.3315


 53.1946, 0.3304,
0.3295

 20.7333, 0.4984,
0.3319

 63.5852, 0.3129,
0.3290

 17.6610, 0.5460,
0.3320

 75.4119, 0.2989,
0.3286

 15.5343, 0.5895,
0.3317

 88.7266, 0.2876,
0.3282

■ 14.2442, 0.6216,
0.3312

■ 92.2908, 0.2855,
0.3289

■ 13.6251, 0.6391,
0.3308

Harmonies

Analogous

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



36.4981, 0.3504, 0.3008



36.4981, 0.3795, 0.3305



36.4981, 0.3893, 0.3616

Triad

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



36.4981, 0.3795, 0.3305



36.4981, 0.3099, 0.3882



36.4981, 0.2507, 0.2706

Complementary

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



36.4981, 0.3795, 0.3305



55.7935, 0.2694, 0.3275

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.



36.4981, 0.2416, 0.2895



36.4981, 0.3795, 0.3305



36.4981, 0.2743, 0.3591

Square

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



36.4981, 0.3795, 0.3305



36.4981, 0.3476, 0.3980



36.4981, 0.2499, 0.3217



36.4981, 0.2757, 0.2672

Rectangle

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



36.4981, 0.3795, 0.3305



36.4981, 0.3834, 0.3796



36.4981, 0.2499, 0.3217



36.4981, 0.2458, 0.2752

Sweetspot

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



36.4998, 0.3795, 0.3305



85.0423, 0.3284, 0.3294



38.7074, 0.3162, 0.2546



17.7216, 0.3313, 0.3295



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.



36.4998, 0.3795, 0.3305



50.7148, 0.3997, 0.3308



47.2599, 0.3684, 0.3682



11.8388, 0.3290, 0.3294



8.4176, 0.6387, 0.3310



0.4818, 0.6344, 0.3345

Inverse Universe

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



55.7935, 0.2694, 0.3275



85.5924, 0.2618, 0.3272



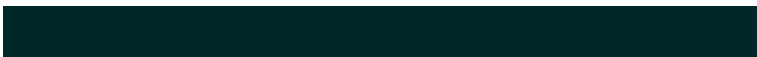
42.3461, 0.2648, 0.2863



13.3725, 0.2983, 0.3286



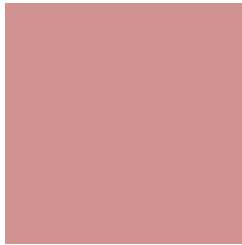
29.9454, 0.2233, 0.3238



1.6852, 0.2236, 0.3248

Previews

White Background



This preview shows how the Yxy color 36.4981, 0.3795, 0.3305 looks on a white background.

Color Contrast Check

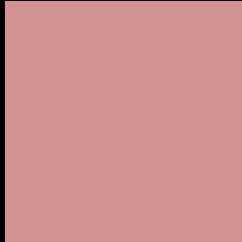
Large Text (above 18pt) WCAG AA × Fail

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 36.4981, 0.3795, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

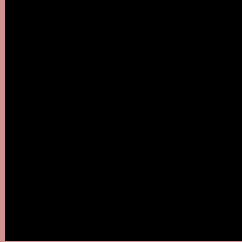
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4981, 0.3795, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 36.4981, 0.3795, 0.3305.



This preview shows how white text looks on a background with the Yxy color 36.4981, 0.3795, 0.3305.

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

36.4981, 0.3795, 0.3305

Protanopia

36.4986, 0.3256, 0.3405

Deuteranopia

36.5667, 0.3543, 0.3470



Tritanopia

36.3527, 0.3705, 0.3154

Trichromacy



Original Color

36.4981, 0.3795, 0.3305

Protanomaly

36.4156, 0.3444, 0.3374

Deuteranomaly

36.2961, 0.3628, 0.3399

Tritanomaly

36.5264, 0.3744, 0.3216

Monochromacy



Original Color

36.4981, 0.3795, 0.3305

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7461, 0.3354, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4981, 0.3795, 0.3305 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(209, 147, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 147, 146)  
}
```

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(209, 147, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 147, 146) }
```

Border

The CSS property to change the border of an element to Yxy 36.4981, 0.3795, 0.3305 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(209, 147, 146) }
```

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

```
.border{ border-color:rgb(209, 147, 146) }
```

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

Here you see how a box with a 4 pixel rgb(209, 147, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 147, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 147, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 147,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4981, 0.3795, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 147, 146) }
```

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

```
.background{ background-color: rgb(209,  
147, 146) }
```

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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