

Converting Colors

$Yxy(36.6677, 0.4046, 0.3500)$

Have a look what the booklet for
Yxy(36.6677, 0.4046, 0.3500)
contains.

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Color

Yxy(36.5898, 0.4046, 0.3503)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D79281 |
| RGB | 215, 146, 129 |
| RGB Percent | 84%, 57%, 51% |
| CMY | 0.1569, 0.4274, 0.4941 |
| CMYK | 0.00, 0.32, 0.40, 0.16 |
| HSL | 12°, 52%, 67% |
| HSV | 12°, 40%, 84% |
| XYZ | 42.2616, 36.5898, 25.6014 |
| YIQ | 164.6930, 46.5810, 9.3410 |

Conversions

Conversions Part 2

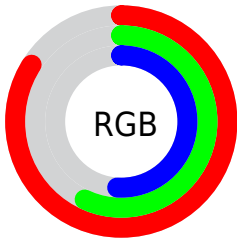
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 215, 150, 129 |
| Decimal | 14127745 |
| CIE _{Lab} | 66.97, 24.01, 19.61 |
| CIE _{LCh} | 67, 30.995, 39.239 |
| Yxy | 36.5898, 0.4046, 0.3503 |
| Android (android.graphics.Color) | 4292317825 (0xFFD79281) |
| YUV | 164.6930, -17.5966, 44.1192 |
| Hunter-Lab | 60.4895, 18.8541, 17.2490 |

Details

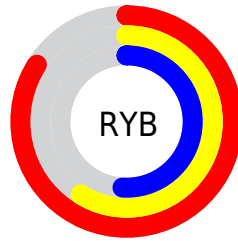
The Yxy color **36.5898, 0.4046, 0.3503** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.9430, 0.2543, 0.3061**, and the grayscale version is **37.5419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9460, 0.3711, 0.3479**, and **16.0327, 0.4334, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **31.1569, 0.4392, 0.3552**, and if you desaturate by 10%, it is **42.9483, 0.3750, 0.3448**.

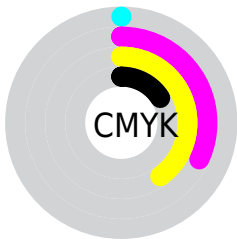
Distribution



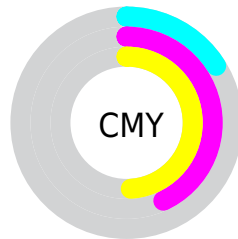
- Red (84%)
- Green (57%)
- Blue (51%)



- Red (84%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5898, 0.4046, 0.3503 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 36.5898, 0.4046, 0.3503 by changing the saturation by 10% instead.


 36.5898, 0.4046,
0.3503


 36.5898, 0.4046,
0.3503


331.5312, 0.3564,
0.3409


 24.8901, 0.4173,
0.3521


 69.9414, 0.3866,
0.3473

 15.9952, 0.4339,
0.3540


 92.3621, 0.3799,
0.3460

 9.5207, 0.4565,
0.3558


 119.1252, 0.3744,
0.3449

 5.0824, 0.4888,
0.3568

150.6152, 0.3697,
0.3439

 2.2957, 0.5399,
0.3556

187.2164, 0.3657,
0.3430

 0.7714, 0.6472,
0.3528

229.3131, 0.3622,

 0.0000, 1.0000,

0.3423

0.0000

277.2899, 0.3591,
0.3416

0.0000, 0.0000,
0.0000

36.5898, 0.4046,
0.3503

36.5898, 0.4046,
0.3503

31.1569, 0.4392,
0.3552

42.9483, 0.3750,
0.3448

26.6010, 0.4782,
0.3589

50.2676, 0.3502,
0.3393

22.8767, 0.5198,
0.3605

58.5875, 0.3297,
0.3340

19.9327, 0.5602,
0.3589

67.9440, 0.3127,
0.3290

17.7113, 0.5946,
0.3538

78.3712, 0.2987,
0.3244

■ 16.1402, 0.6194,
0.3463

■ 89.7080, 0.2886,
0.3233

■ 16.1400, 0.6195,
0.3463

■ 93.1845, 0.2888,
0.3289

Harmonies

Analogous

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



36.5898, 0.3806, 0.3130



36.5898, 0.4046, 0.3503



36.5898, 0.4014, 0.3857

Triad

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



36.5898, 0.4046, 0.3503



36.5898, 0.2843, 0.3855



36.5898, 0.2516, 0.2539

Complementary

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



36.5898, 0.4046, 0.3503



49.9430, 0.2543, 0.3061

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.



36.5898, 0.2302, 0.2660



36.5898, 0.4046, 0.3503



36.5898, 0.2478, 0.3409

Square

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



36.5898, 0.4046, 0.3503



36.5898, 0.3303, 0.4115



36.5898, 0.2288, 0.2965



36.5898, 0.2898, 0.2598

Rectangle

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



36.5898, 0.4046, 0.3503



36.5898, 0.3850, 0.4037



36.5898, 0.2288, 0.2965



36.5898, 0.2424, 0.2559

Sweetspot

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



36.5916, 0.4046, 0.3503



83.5119, 0.3337, 0.3351



34.2770, 0.3328, 0.2469



17.5199, 0.3363, 0.3358



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.



36.5916, 0.4046, 0.3503



46.9982, 0.4336, 0.3545



51.8904, 0.3841, 0.3993



12.8148, 0.3286, 0.3337



9.7748, 0.6172, 0.3481



0.7075, 0.5842, 0.3743

Inverse Universe

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



49.9430, 0.2543, 0.3061



69.1983, 0.2438, 0.3004



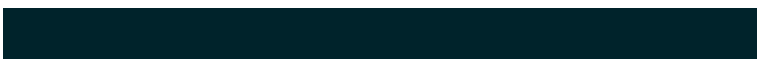
33.4241, 0.2451, 0.2464



13.6707, 0.2983, 0.3243



20.8349, 0.2068, 0.2646



1.3655, 0.2103, 0.2770

Previews

White Background



This preview shows how the Yxy color 36.5898, 0.4046, 0.3503 looks on a white background.

Color Contrast Check

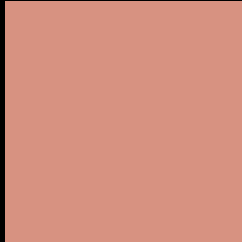
Large Text (above 18pt) WCAG AA × Fail

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 36.5898, 0.4046, 0.3503 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 36.5898, 0.4046, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 36.5898, 0.4046, 0.3503.



This preview shows how white text looks on a background with the Yxy color 36.5898, 0.4046, 0.3503.

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

36.5898, 0.4046, 0.3503

Protanopia

36.7712, 0.3451, 0.3665

Deuteranopia

36.7226, 0.3764, 0.3698



Tritanopia

36.3976, 0.3820, 0.3157

Trichromacy



Original Color

36.5898, 0.4046, 0.3503

Protanomaly

36.5265, 0.3663, 0.3607

Deuteranomaly

36.6203, 0.3866, 0.3620

Tritanomaly

36.2575, 0.3906, 0.3280

Monochromacy



Original Color

36.5898, 0.4046, 0.3503

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7880, 0.3432, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5898, 0.4046, 0.3503 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(215, 146, 129)` looks like.

```
.text, #text, p{  
    color:rgb(215, 146, 129)  
}
```

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(215, 146, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 146, 129) }
```

Border

The CSS property to change the border of an element to Yxy 36.5898, 0.4046, 0.3503 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(215, 146, 129) }
```

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

```
.border{ border-color:rgb(215, 146, 129) }
```

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

Here you see how a box with a 4 pixel rgb(215, 146, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 146, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 146, 129);  
box-shadow:4px 4px 4px 4px rgb(215, 146,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5898, 0.4046, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 146, 129) }
```

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

```
.background{ background-color: rgb(215,  
146, 129) }
```

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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