

Converting Colors

Yxy(37.1854, 0.3957, 0.3493)

Have a look what the booklet for
Yxy(37.1854, 0.3957, 0.3493)
contains.

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Color

Yxy(37.1854, 0.3957, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	D49585
RGB	212, 149, 133
RGB Percent	83%, 58%, 52%
CMY	0.1688, 0.4156, 0.4784
CMYK	0.00, 0.30, 0.37, 0.17
HSL	12°, 48%, 68%
HSV	12°, 37%, 83%
XYZ	42.1250, 37.1854, 27.1465
YIQ	166.0130, 42.6840, 8.3800

Conversions

Conversions Part 2

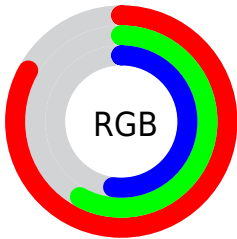
Format	Color
R _Y B	212, 153, 133
Decimal	13931909
CIE Lab	67.42, 21.66, 17.94
CIE LCh	67, 28.130, 39.633
Yxy	37.1854, 0.3957, 0.3493
Android (android.graphics.Color)	4292121989 (0xFFD49585)
YUV	166.0130, -16.2754, 40.3306
Hunter-Lab	60.9798, 16.5935, 16.2916

Details

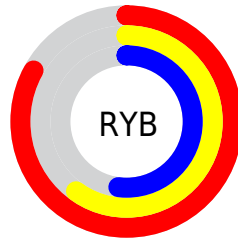
The Yxy color **37.1854, 0.3957, 0.3493** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1920, 0.2579, 0.3073**, and the grayscale version is **38.2051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5170, 0.3670, 0.3468**, and **16.3285, 0.4220, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **31.6942, 0.4287, 0.3546**, and if you desaturate by 10%, it is **43.5740, 0.3676, 0.3437**.

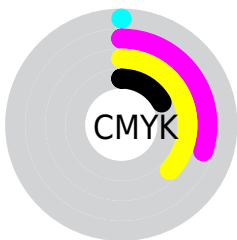
Distribution



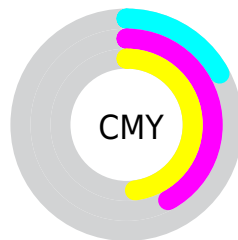
- Red (83%)
- Green (58%)
- Blue (52%)



- Red (83%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1854, 0.3957, 0.3493 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 37.1854, 0.3957, 0.3493 by changing the saturation by 10% instead.

 37.1854, 0.3957,
0.3493


 37.1854, 0.3957,
0.3493


334.1125, 0.3522,
0.3402


 25.3511, 0.4071,
0.3512


 70.8578, 0.3795,
0.3463

 16.3388, 0.4221,
0.3533


 93.4647, 0.3735,
0.3450

 9.7642, 0.4425,
0.3555


 120.4313, 0.3685,
0.3440

 5.2429, 0.4717,
0.3573

152.1419, 0.3643,
0.3430

 2.3905, 0.5167,
0.3571

188.9809, 0.3606,
0.3422

 0.8210, 0.6305,
0.3695

231.3327, 0.3575,

 0.0000, 1.0000,

0.3414

0.0000

279.5818, 0.3547,
0.3408

0.0000, 0.0000,
0.0000

37.1854, 0.3957,
0.3493

37.1854, 0.3957,
0.3493

31.6942, 0.4287,
0.3546

43.5740, 0.3676,
0.3437

27.0547, 0.4664,
0.3588

50.8924, 0.3441,
0.3380

23.2250, 0.5073,
0.3611

59.1779, 0.3247,
0.3327

20.1576, 0.5483,
0.3606

68.4644, 0.3086,
0.3277

17.7997, 0.5848,
0.3564

78.7839, 0.2953,
0.3231

■ 16.0900, 0.6122,
0.3491

■ 89.8289, 0.2869,
0.3242

■ 15.7205, 0.6184,
0.3471

■ 92.7320, 0.2871,
0.3289

Harmonies

Analogous

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



37.1854, 0.3743, 0.3151



37.1854, 0.3957, 0.3493



37.1854, 0.3927, 0.3812

Triad

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



37.1854, 0.3957, 0.3493



37.1854, 0.2867, 0.3791



37.1854, 0.2576, 0.2607

Complementary

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



37.1854, 0.3957, 0.3493



49.1920, 0.2579, 0.3073

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.



37.1854, 0.2378, 0.2718



37.1854, 0.3957, 0.3493



37.1854, 0.2536, 0.3394

Square

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



37.1854, 0.3957, 0.3493



37.1854, 0.3284, 0.4028



37.1854, 0.2363, 0.2996



37.1854, 0.2927, 0.2660

Rectangle

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



37.1854, 0.3957, 0.3493



37.1854, 0.3779, 0.3970



37.1854, 0.2363, 0.2996



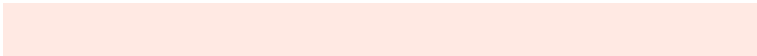
37.1854, 0.2491, 0.2625

Sweetspot

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



37.1872, 0.3957, 0.3493



84.8785, 0.3318, 0.3347



34.7599, 0.3324, 0.2539



17.7963, 0.3344, 0.3354



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.



37.1872, 0.3957, 0.3493



49.5453, 0.4225, 0.3537



51.7697, 0.3779, 0.3959



12.8249, 0.3286, 0.3338



9.8237, 0.6163, 0.3489



0.7121, 0.5830, 0.3753

Inverse Universe

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



49.1920, 0.2579, 0.3073



70.3705, 0.2474, 0.3018



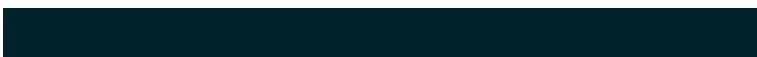
33.7468, 0.2498, 0.2513



13.6599, 0.2983, 0.3242



20.5943, 0.2064, 0.2629



1.3530, 0.2099, 0.2756

Previews

White Background



This preview shows how the Yxy color 37.1854, 0.3957, 0.3493 looks on a white background.

Color Contrast Check

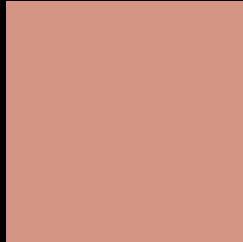
Large Text (above 18pt) WCAG AA × Fail

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 37.1854, 0.3957, 0.3493 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 37.1854, 0.3957, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 37.1854, 0.3957, 0.3493.



This preview shows how white text looks on a background with the Yxy color 37.1854, 0.3957, 0.3493.

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

37.1854, 0.3957, 0.3493

Protanopia

37.3286, 0.3431, 0.3634

Deuteranopia

37.2989, 0.3731, 0.3656



Tritanopia

37.2882, 0.3732, 0.3156

Trichromacy



Original Color

37.1854, 0.3957, 0.3493

Protanomaly

37.1672, 0.3616, 0.3593

Deuteranomaly

37.2507, 0.3806, 0.3595

Tritanomaly

37.1517, 0.3815, 0.3280

Monochromacy



Original Color

37.1854, 0.3957, 0.3493

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.5420, 0.3408, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1854, 0.3957, 0.3493 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(212, 149, 133)` looks like.

```
.text, #text, p{  
    color:rgb(212, 149, 133)  
}
```

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(212, 149, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 149, 133) }
```

Border

The CSS property to change the border of an element to Yxy 37.1854, 0.3957, 0.3493 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(212, 149, 133) }
```

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

```
.border{ border-color:rgb(212, 149, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 149, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 149, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 149, 133);  
box-shadow:4px 4px 4px 4px rgb(212, 149,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1854, 0.3957, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 149, 133) }
```

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

```
.background{ background-color: rgb(212,  
149, 133) }
```

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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