

Converting Colors

$Y_{xy}(35.1700, 0.4079, 0.3517)$

Have a look what the booklet for
Yxy(35.1700, 0.4079, 0.3517)
contains.

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Color

Yxy(35.1226, 0.4074, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	D48F7D
RGB	212, 143, 125
RGB Percent	83%, 56%, 49%
CMY	0.1687, 0.4392, 0.5098
CMYK	0.00, 0.33, 0.41, 0.17
HSL	12°, 50%, 66%
HSV	12°, 41%, 83%
XYZ	40.6735, 35.1226, 24.0407
YIQ	161.5790, 46.9020, 9.0300

Conversions

Conversions Part 2

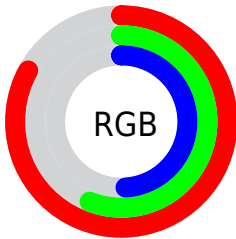
Format	Color
R _Y B	212, 148, 125
Decimal	13930365
CIE Lab	65.84, 24.01, 20.23
CIE LCh	66, 31.396, 40.115
Yxy	35.1226, 0.4074, 0.3518
Android (android.graphics.Color)	4292120445 (0xFFD48F7D)
YUV	161.5790, -18.0334, 44.2192
Hunter-Lab	59.2643, 18.7933, 17.4339

Details

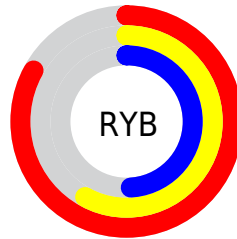
The Yxy color **35.1226, 0.4074, 0.3518** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6921, 0.2529, 0.3043**, and the grayscale version is **35.9948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4069, 0.3752, 0.3490**, and **15.1447, 0.4381, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **29.9635, 0.4422, 0.3569**, and if you desaturate by 10%, it is **41.1572, 0.3775, 0.3461**.

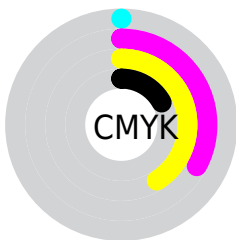
Distribution



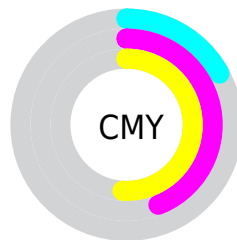
- Red (83%)
- Green (56%)
- Blue (49%)



- Red (83%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (17%)




- Cyan (17%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1226, 0.4074, 0.3518 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 35.1226, 0.4074, 0.3518 by changing the saturation by 10% instead.


 35.1226, 0.4074,
0.3518


 35.1226, 0.4074,
0.3518


325.1091, 0.3574,
0.3417


 23.7573, 0.4207,
0.3537


 67.6757, 0.3886,
0.3485

 15.1537, 0.4381,
0.3558


 89.6322, 0.3818,
0.3472

 8.9273, 0.4618,
0.3578


 115.8880, 0.3760,
0.3460

 4.6938, 0.4959,
0.3586

146.8274, 0.3712,
0.3449

 2.0688, 0.5543,
0.3596

182.8349, 0.3670,
0.3440

 0.6470, 0.6598,
0.3402

224.2947, 0.3634,

 0.0000, 1.0000,

0.3431

0.0000

271.5913, 0.3602,
0.3424

0.0000, 0.0000,
0.0000

35.1226, 0.4074,
0.3518

35.1226, 0.4074,
0.3518

29.9635, 0.4422,
0.3569

41.1572, 0.3775,
0.3461

25.6339, 0.4812,
0.3606

48.1003, 0.3524,
0.3403

22.0910, 0.5224,
0.3620

55.9897, 0.3316,
0.3348

19.2863, 0.5621,
0.3601

64.8593, 0.3143,
0.3295

17.1654, 0.5956,
0.3546

74.7412, 0.3000,
0.3247

■ 15.7871, 0.6177,
0.3477

■ 85.6663, 0.2881,
0.3203

■ 92.7353, 0.2872,
0.3289

Harmonies

Analogous

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



35.1226, 0.3835, 0.3136



35.1226, 0.4074, 0.3518



35.1226, 0.4032, 0.3879

Triad

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



35.1226, 0.4074, 0.3518



35.1226, 0.2822, 0.3859



35.1226, 0.2509, 0.2520

Complementary

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



35.1226, 0.4074, 0.3518



47.6921, 0.2529, 0.3043

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.



35.1226, 0.2286, 0.2637



35.1226, 0.4074, 0.3518



35.1226, 0.2453, 0.3397

Square

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



35.1226, 0.4074, 0.3518



35.1226, 0.3292, 0.4135



35.1226, 0.2265, 0.2944



35.1226, 0.2905, 0.2585

Rectangle

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



35.1226, 0.4074, 0.3518



35.1226, 0.3859, 0.4062



35.1226, 0.2265, 0.2944



35.1226, 0.2413, 0.2538

Sweetspot

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



35.1243, 0.4074, 0.3518



83.6658, 0.3337, 0.3354



32.5869, 0.3350, 0.2465



17.5559, 0.3363, 0.3361



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.



35.1243, 0.4074, 0.3518



46.6192, 0.4366, 0.3562



50.5499, 0.3854, 0.4026



12.8330, 0.3286, 0.3339



9.8643, 0.6155, 0.3495



0.7159, 0.5821, 0.3760

Inverse Universe

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



47.6921, 0.2529, 0.3043



68.0869, 0.2424, 0.2983



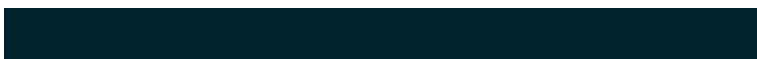
31.2803, 0.2429, 0.2418



13.6511, 0.2983, 0.3241



20.4004, 0.2060, 0.2615



1.3428, 0.2096, 0.2745

Previews

White Background



This preview shows how the Yxy color 35.1226, 0.4074, 0.3518 looks on a white background.

Color Contrast Check

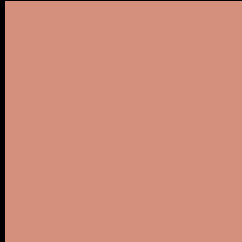
Large Text (above 18pt) WCAG AA × Fail

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 35.1226, 0.4074, 0.3518 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 35.1226, 0.4074, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 35.1226, 0.4074, 0.3518.



This preview shows how white text looks on a background with the Yxy color 35.1226, 0.4074, 0.3518.

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

35.1226, 0.4074, 0.3518

Protanopia

35.2701, 0.3466, 0.3686

Deuteranopia

35.2326, 0.3786, 0.3718



Tritanopia

34.9634, 0.3833, 0.3156

Trichromacy



Original Color

35.1226, 0.4074, 0.3518

Protanomaly

35.0372, 0.3683, 0.3626

Deuteranomaly

35.1382, 0.3890, 0.3638

Tritanomaly

34.8254, 0.3920, 0.3280

Monochromacy



Original Color

35.1226, 0.4074, 0.3518

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3159, 0.3437, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1226, 0.4074, 0.3518 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, 143, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 143, 125)  
}
```

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, 143, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 143, 125) }
```

Border

The CSS property to change the border of an element to Yxy 35.1226, 0.4074, 0.3518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

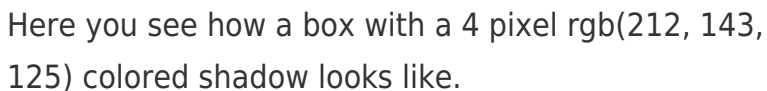
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 143, 125) }
```

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

```
.border{ border-color:rgb(212, 143, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 143, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 143, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 143, 125); box-shadow:4px 4px 4px 4px rgb(212, 143, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1226, 0.4074, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 143, 125) }
```

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

```
.background{ background-color: rgb(212,  
143, 125) }
```

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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