

Converting Colors

$Y_{xy}(42.9281, 0.3764, 0.3538)$

Have a look what the booklet for
Yxy(42.9281, 0.3764, 0.3538)
contains.

Yxy(42.9516, 0.3768, 0.3540)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9516, 0.3768, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	D4A591
RGB	212, 165, 145
RGB Percent	83%, 65%, 57%
CMY	0.1686, 0.3529, 0.4314
CMYK	0.00, 0.22, 0.32, 0.17
HSL	18°, 44%, 70%
HSV	18°, 32%, 83%
XYZ	45.7180, 42.9516, 32.6626
YIQ	176.7730, 34.4320, 3.7440

Conversions

Conversions Part 2

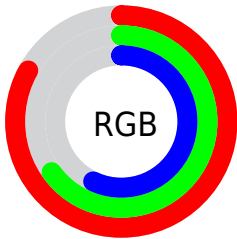
Format	Color
R _Y B	212, 174, 145
Decimal	13936017
CIE Lab	71.52, 14.51, 17.02
CIE LCh	72, 22.362, 49.548
Yxy	42.9516, 0.3768, 0.3540
Android (android.graphics.Color)	4292126097 (0xFFD4A591)
YUV	176.7730, -15.6641, 30.8941
Hunter-Lab	65.5375, 9.8284, 16.3272

Details

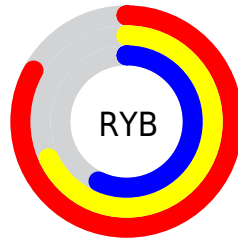
The Yxy color $42.9516, 0.3768, 0.3540$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $48.4672, 0.2646, 0.3024$, and the grayscale version is $43.9120, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5699, 0.3531, 0.3505$, and $19.6863, 0.3965, 0.3607$ is the 20% darker color. If you saturate the color by 10%, you get $37.3037, 0.4049, 0.3621$, and if you desaturate by 10%, it is $49.3491, 0.3527, 0.3457$.

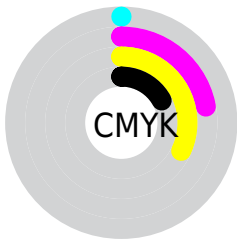
Distribution



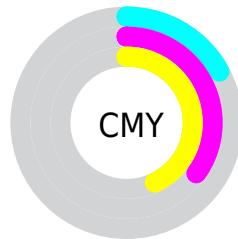
- Red (83%)
- Green (65%)
- Blue (57%)



- Red (83%)
- Yellow (68%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9516, 0.3768, 0.3540 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 42.9516, 0.3768, 0.3540 by changing the saturation by 10% instead.


 42.9516, 0.3768,
0.3540


 42.9516, 0.3768,
0.3540


358.4127, 0.3441,
0.3421

 29.8471, 0.3852,
0.3567


 79.6378, 0.3648,
0.3499

 19.7226, 0.3960,
0.3600


 103.9884, 0.3603,
0.3483

 12.1936, 0.4105,
0.3641


132.8564, 0.3565,
0.3469

 6.8756, 0.4309,
0.3692

166.6263, 0.3533,
0.3457

 3.3844, 0.4614,
0.3751

205.6825, 0.3505,
0.3446

 1.3356, 0.5390,
0.4012

250.4094, 0.3481,

 0.1685, 0.7532,

0.3437

0.2468

301.1913, 0.3459,
0.3429

0.0000, 0.0000,
0.0000

42.9516, 0.3768,
0.3540

42.9516, 0.3768,
0.3540

37.3037, 0.4049,
0.3621

49.3491, 0.3527,
0.3457

32.3715, 0.4370,
0.3695

56.5168, 0.3324,
0.3377

28.1268, 0.4724,
0.3752

64.4818, 0.3152,
0.3302

24.5376, 0.5096,
0.3780

73.2681, 0.3008,
0.3232

21.5688, 0.5457,
0.3768

82.8988, 0.2886,
0.3168

■ 19.1814, 0.5769,
0.3710

■ 92.2386, 0.2871,
0.3281

■ 17.5889, 0.5980,
0.3634

■ 92.7382, 0.2872,
0.3289

Harmonies

Analogous

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



42.9516, 0.3664, 0.3275



42.9516, 0.3768, 0.3540



42.9516, 0.3689, 0.3759

Triad

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



42.9516, 0.3768, 0.3540



42.9516, 0.2838, 0.3575



42.9516, 0.2785, 0.2763

Complementary

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



42.9516, 0.3768, 0.3540



48.4672, 0.2646, 0.3024

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.



42.9516, 0.2586, 0.2811



42.9516, 0.3768, 0.3540



42.9516, 0.2615, 0.3269

Square

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



42.9516, 0.3768, 0.3540



42.9516, 0.3145, 0.3800



42.9516, 0.2526, 0.2989



42.9516, 0.3083, 0.2842

Rectangle

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



42.9516, 0.3768, 0.3540



42.9516, 0.3548, 0.3845



42.9516, 0.2526, 0.2989



42.9516, 0.2705, 0.2764

Sweetspot

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



42.9536, 0.3768, 0.3540



88.7662, 0.3278, 0.3358



38.0957, 0.3342, 0.2714



18.6313, 0.3304, 0.3369



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.



42.9536, 0.3768, 0.3540



59.2904, 0.3954, 0.3596



56.1958, 0.3650, 0.3919



13.0194, 0.3284, 0.3360



11.0112, 0.5955, 0.3654



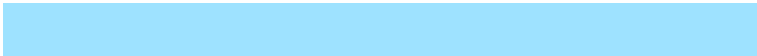
0.8077, 0.5611, 0.3927

Inverse Universe

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



48.4672, 0.2646, 0.3024



68.9237, 0.2548, 0.2957



35.7434, 0.2592, 0.2570



13.4524, 0.2982, 0.3219



16.3246, 0.1970, 0.2292



1.1260, 0.2024, 0.2485

Previews

White Background



This preview shows how the Yxy color 42.9516, 0.3768, 0.3540 looks on a white background.

Color Contrast Check

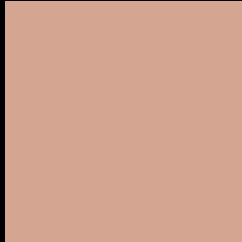
Large Text (above 18pt) WCAG AA × Fail

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 42.9516, 0.3768, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

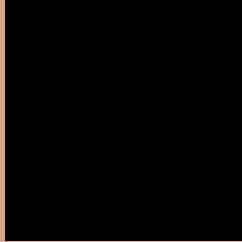
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9516, 0.3768, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 42.9516, 0.3768, 0.3540.



This preview shows how white text looks on a background with the Yxy color 42.9516, 0.3768, 0.3540.

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

42.9516, 0.3768, 0.3540

Protanopia

43.0523, 0.3421, 0.3628

Deuteranopia

43.0861, 0.3675, 0.3611



Tritanopia

42.9539, 0.3538, 0.3146

Trichromacy



Original Color

42.9516, 0.3768, 0.3540

Protanomaly

42.7333, 0.3545, 0.3593

Deuteranomaly

43.1407, 0.3708, 0.3595

Tritanomaly

42.7811, 0.3623, 0.3279

Monochromacy



Original Color

42.9516, 0.3768, 0.3540

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5509, 0.3350, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9516, 0.3768, 0.3540 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, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 165, 145)  
}
```

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, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 165, 145) }
```

Border

The CSS property to change the border of an element to Yxy 42.9516, 0.3768, 0.3540 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, 165, 145) }
```

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

```
.border{ border-color:rgb(212, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 165, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 165, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 165,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9516, 0.3768, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 165, 145) }
```

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

```
.background{ background-color: rgb(212,  
165, 145) }
```

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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