

Converting Colors

$Y_{xy}(40.4119, 0.3544, 0.3527)$

Have a look what the booklet for
Yxy(40.4119, 0.3544, 0.3527)
contains.

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Color

Yxy(40.2549, 0.3542, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	C0A594
RGB	192, 165, 148
RGB Percent	75%, 65%, 58%
CMY	0.2470, 0.3529, 0.4195
CMYK	0.00, 0.14, 0.23, 0.25
HSL	23°, 26%, 67%
HSV	23°, 23%, 75%
XYZ	40.5410, 40.2549, 33.6621
YIQ	171.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

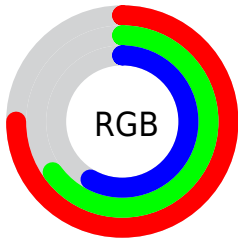
Format	Color
R _Y B	192, 176, 148
Decimal	12625300
CIE Lab	69.65, 7.19, 12.44
CIE LCh	70, 14.368, 59.962
Yxy	40.2549, 0.3542, 0.3517
Android (android.graphics.Color)	4290815380 (0xFFC0A594)
YUV	171.1350, -11.4056, 18.2986
Hunter-Lab	63.4467, 3.0257, 12.9560

Details

The Yxy color $40.2549, 0.3542, 0.3517$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $40.7770, 0.2774, 0.3051$, and the grayscale version is $40.8483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5904, 0.3464, 0.3477$, and $18.0766, 0.3676, 0.3584$ is the 20% darker color. If you saturate the color by 10%, you get $35.6391, 0.3772, 0.3622$, and if you desaturate by 10%, it is $45.3674, 0.3343, 0.3414$.

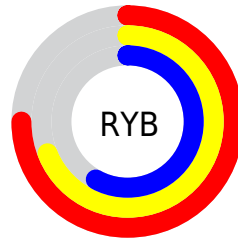
Distribution



Red (75%)

Green (65%)

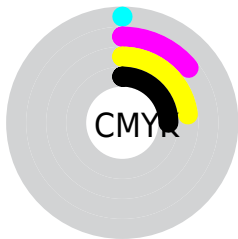
Blue (58%)



Red (75%)

Yellow (69%)

Blue (58%)

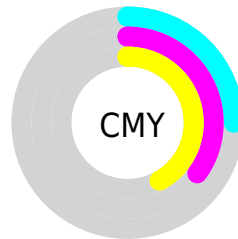


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2549, 0.3542, 0.3517 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 40.2549, 0.3542, 0.3517 by changing the saturation by 10% instead.


 40.2549, 0.3542,
0.3517


 40.2549, 0.3542,
0.3517


347.1968, 0.3328,
0.3404

 27.7373, 0.3597,
0.3545


 75.5515, 0.3463,
0.3476

 18.1278, 0.3670,
0.3581


 99.0994, 0.3434,
0.3461

 11.0417, 0.3768,
0.3628


127.0927, 0.3409,
0.3447

 6.0949, 0.3908,
0.3692

159.9161, 0.3388,
0.3436

 2.9029, 0.4125,
0.3784

197.9538, 0.3370,
0.3426

 1.0812, 0.4745,
0.4132

241.5902, 0.3354,


 0.0000, 1.0000,


0.3418


0.0000


291.2097, 0.3340,
0.3410


 0.0000, 0.0000,
0.0000


 40.2549, 0.3542,
0.3517


 40.2549, 0.3542,
0.3517


 35.6391, 0.3772,
0.3622


 45.3674, 0.3343,
0.3414


 31.4989, 0.4036,
0.3726

 50.9858, 0.3172,
0.3317


 27.8198, 0.4330,
0.3820

 57.1260, 0.3026,
0.3226

 24.5843, 0.4648,
0.3894

 63.8017, 0.2901,
0.3143

 21.7737, 0.4977,
0.3938

 71.0257, 0.2794,
0.3066

■ 19.3677, 0.5292,
0.3937

■ 78.2691, 0.2744,
0.3081

■ 17.3435, 0.5570,
0.3884

■ 85.2740, 0.2756,
0.3209

■ 16.1182, 0.5740,
0.3824

■ 89.9469, 0.2762,
0.3289

Harmonies

Analogous

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



40.2549, 0.3514, 0.3347



40.2549, 0.3542, 0.3517



40.2549, 0.3455, 0.3634

Triad

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



40.2549, 0.3542, 0.3517



40.2549, 0.2877, 0.3410



40.2549, 0.2966, 0.2946

Complementary

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



40.2549, 0.3542, 0.3517



40.7770, 0.2774, 0.3051

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.



40.2549, 0.2804, 0.2951



40.2549, 0.3542, 0.3517



40.2549, 0.2755, 0.3212

Square

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



40.2549, 0.3542, 0.3517



40.2549, 0.3068, 0.3578



40.2549, 0.2729, 0.3045



40.2549, 0.3176, 0.3025

Rectangle

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



40.2549, 0.3542, 0.3517



40.2549, 0.3345, 0.3663



40.2549, 0.2729, 0.3045



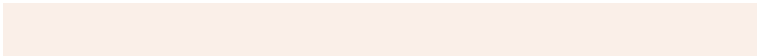
40.2549, 0.2905, 0.2937

Sweetspot

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



40.2567, 0.3542, 0.3517



87.9807, 0.3241, 0.3357



35.4970, 0.3314, 0.2935



18.7419, 0.3251, 0.3363



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2567, 0.3542, 0.3517



69.0409, 0.3642, 0.3565



48.8328, 0.3482, 0.3793



10.7010, 0.3279, 0.3379



10.9863, 0.5718, 0.3842



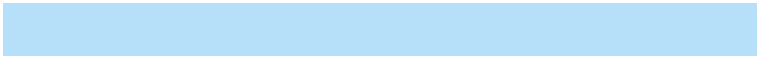
0.6084, 0.5302, 0.4172

Inverse Universe

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



40.7770, 0.2774, 0.3051



70.1286, 0.2704, 0.2998



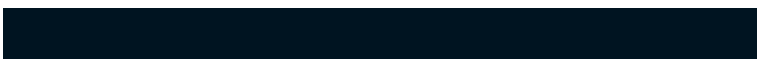
32.9396, 0.2749, 0.2732



10.7544, 0.2984, 0.3199



11.4179, 0.1886, 0.1988



0.6236, 0.1975, 0.2311

Previews

White Background



This preview shows how the Yxy color 40.2549, 0.3542, 0.3517 looks on a white background.

Color Contrast Check

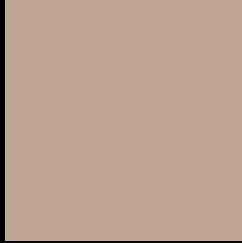
Large Text (above 18pt) WCAG AA × Fail

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 40.2549, 0.3542, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

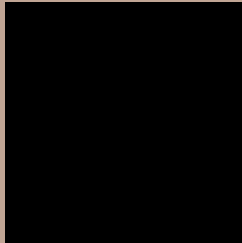
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2549, 0.3542, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 40.2549, 0.3542, 0.3517.



This preview shows how white text looks on a background with the Yxy color 40.2549, 0.3542, 0.3517.

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

40.2549, 0.3542, 0.3517

Protanopia

40.4164, 0.3375, 0.3567

Deuteranopia

40.2911, 0.3575, 0.3502



Tritanopia

40.1478, 0.3336, 0.3123

Trichromacy



Original Color

40.2549, 0.3542, 0.3517

Protanomaly

40.2425, 0.3437, 0.3550

Deuteranomaly

40.1584, 0.3565, 0.3503

Tritanomaly

40.0266, 0.3409, 0.3252

Monochromacy



Original Color

40.2549, 0.3542, 0.3517

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6040, 0.3271, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2549, 0.3542, 0.3517 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(192, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 148)  
}
```

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(192, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 148) }
```

Border

The CSS property to change the border of an element to Yxy 40.2549, 0.3542, 0.3517 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(192, 165, 148) }
```

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

```
.border{ border-color:rgb(192, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2549, 0.3542, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 148) }
```

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

```
.background{ background-color: rgb(192,  
165, 148) }
```

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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