

Converting Colors

$Y_{xy}(40.9432, 0.3607, 0.3510)$

Have a look what the booklet for
Yxy(40.9432, 0.3607, 0.3510)
contains.

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Color

Yxy(41.0542, 0.3601, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	C6A594
RGB	198, 165, 148
RGB Percent	78%, 65%, 58%
CMY	0.2237, 0.3529, 0.4196
CMYK	0.00, 0.17, 0.25, 0.22
HSL	20°, 30%, 68%
HSV	20°, 25%, 78%
XYZ	42.0826, 41.0542, 33.7268
YIQ	172.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

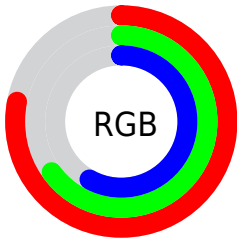
Format	Color
R _Y B	198, 174, 148
Decimal	13018516
CIE Lab	70.21, 9.48, 13.32
CIE LCh	70, 16.349, 54.577
Yxy	41.0542, 0.3601, 0.3513
Android (android.graphics.Color)	4291208596 (0xFFC6A594)
YUV	172.9290, -12.2900, 21.9873
Hunter-Lab	64.0736, 5.1076, 13.6426

Details

The Yxy color $41.0542, 0.3601, 0.3513$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.4023, 0.2740, 0.3055$, and the grayscale version is $41.8051, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.7107, 0.3510, 0.3474$, and $18.5130, 0.3746, 0.3576$ is the 20% darker color. If you saturate the color by 10%, you get $36.0091, 0.3847, 0.3607$, and if you desaturate by 10%, it is $46.6912, 0.3390, 0.3421$.

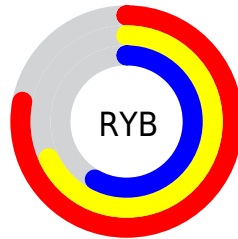
Distribution



Red (78%)

Green (65%)

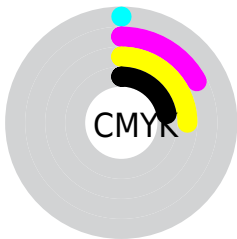
Blue (58%)



Red (78%)

Yellow (68%)

Blue (58%)

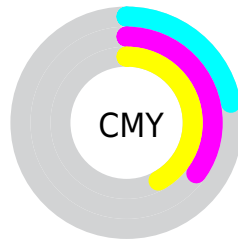


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0542, 0.3601, 0.3513 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 41.0542, 0.3601, 0.3513 by changing the saturation by 10% instead.


 41.0542, 0.3601,
0.3513


 41.0542, 0.3601,
0.3513


350.5471, 0.3357,
0.3403

 28.3614, 0.3664,
0.3540


 76.7662, 0.3511,
0.3474

 18.5983, 0.3746,
0.3573


 100.5542, 0.3478,
0.3459

 11.3804, 0.3857,
0.3616


128.8093, 0.3450,
0.3446

 6.3233, 0.4015,
0.3674

161.9161, 0.3426,
0.3435

 3.0426, 0.4257,
0.3753

200.2589, 0.3405,
0.3426

 1.1540, 0.4900,
0.4049

244.2221, 0.3387,

 0.0237, 0.9147,

0.3417

0.0853

294.1900, 0.3371,
0.3410

0.0000, 0.0000,
0.0000

41.0542, 0.3601,
0.3513

41.0542, 0.3601,
0.3513

36.0091, 0.3847,
0.3607

46.6912, 0.3390,
0.3421

31.5304, 0.4130,
0.3697

52.9332, 0.3210,
0.3334

27.5990, 0.4448,
0.3776

59.8000, 0.3058,
0.3252

24.1925, 0.4791,
0.3834

67.3088, 0.2928,
0.3177

21.2868, 0.5141,
0.3858

75.4762, 0.2818,
0.3108

■ 18.8555, 0.5471,
0.3837

■ 83.5351, 0.2785,
0.3166

■ 16.8691, 0.5750,
0.3766

■ 90.7409, 0.2794,
0.3289

■ 16.0631, 0.5867,
0.3723

Harmonies

Analogous

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



41.0542, 0.3546, 0.3316



41.0542, 0.3601, 0.3513



41.0542, 0.3524, 0.3661

Triad

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



41.0542, 0.3601, 0.3513



41.0542, 0.2879, 0.3465



41.0542, 0.2907, 0.2896

Complementary

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



41.0542, 0.3601, 0.3513



43.4023, 0.2740, 0.3055

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.



41.0542, 0.2740, 0.2919



41.0542, 0.3601, 0.3513



41.0542, 0.2725, 0.3240

Square

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



41.0542, 0.3601, 0.3513



41.0542, 0.3103, 0.3642



41.0542, 0.2675, 0.3041



41.0542, 0.3137, 0.2970

Rectangle

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



41.0542, 0.3601, 0.3513



41.0542, 0.3410, 0.3709



41.0542, 0.2675, 0.3041



41.0542, 0.2842, 0.2892

Sweetspot

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



41.0561, 0.3601, 0.3513



90.4692, 0.3259, 0.3358



36.5329, 0.3314, 0.2866



18.9979, 0.3286, 0.3372



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.



41.0561, 0.3601, 0.3513



67.9403, 0.3725, 0.3562



50.8097, 0.3528, 0.3817



11.2174, 0.3281, 0.3369



10.5940, 0.5843, 0.3743



0.6364, 0.5435, 0.4067

Inverse Universe

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



43.4023, 0.2740, 0.3055



72.7573, 0.2661, 0.3000



34.2621, 0.2708, 0.2702



11.4358, 0.2984, 0.3209



13.2998, 0.1930, 0.2147



0.7602, 0.2004, 0.2413

Previews

White Background



This preview shows how the Yxy color 41.0542, 0.3601, 0.3513 looks on a white background.

Color Contrast Check

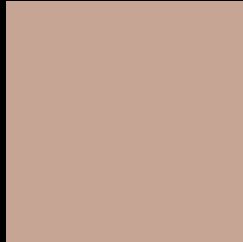
Large Text (above 18pt) WCAG AA × Fail

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 41.0542, 0.3601, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

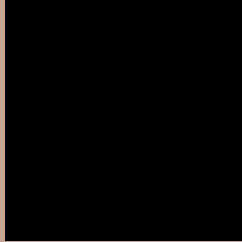
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0542, 0.3601, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 41.0542, 0.3601, 0.3513.



This preview shows how white text looks on a background with the Yxy color 41.0542, 0.3601, 0.3513.

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

41.0542, 0.3601, 0.3513

Protanopia

41.0635, 0.3383, 0.3565

Deuteranopia

40.9187, 0.3592, 0.3514



Tritanopia

40.9632, 0.3394, 0.3126

Trichromacy



Original Color

41.0542, 0.3601, 0.3513

Protanomaly

41.1427, 0.3464, 0.3547

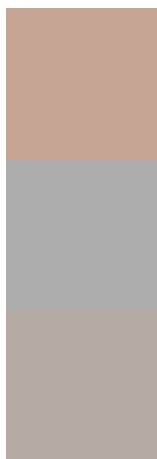
Deuteranomaly

40.9187, 0.3592, 0.3514

Tritanomaly

40.8366, 0.3467, 0.3253

Monochromacy



Original Color

41.0542, 0.3601, 0.3513

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3749, 0.3289, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0542, 0.3601, 0.3513 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(198, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 148) }
```

Border

The CSS property to change the border of an element to Yxy 41.0542, 0.3601, 0.3513 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(198, 165, 148) }
```

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

```
.border{ border-color:rgb(198, 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(198, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0542, 0.3601, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 148) }
```

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

```
.background{ background-color: rgb(198,  
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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