

Converting Colors

$Yxy(45.7984, 0.3620, 0.3498)$

Have a look what the booklet for
Yxy(45.7984, 0.3620, 0.3498)
contains.

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Color

Yxy(45.9891, 0.3618, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	D2AD9C
RGB	210, 173, 156
RGB Percent	82%, 68%, 61%
CMY	0.1766, 0.3215, 0.3883
CMYK	0.00, 0.18, 0.26, 0.18
HSL	19°, 37%, 72%
HSV	19°, 26%, 82%
XYZ	47.5124, 45.9891, 37.8208
YIQ	182.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

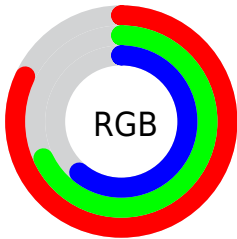
Format	Color
R _Y B	210, 181, 156
Decimal	13807004
CIE Lab	73.54, 10.88, 13.79
CIE LCh	74, 17.561, 51.727
Yxy	45.9891, 0.3618, 0.3502
Android (android.graphics.Color)	4291997084 (0xFFD2AD9C)
YUV	182.1250, -12.8796, 24.4464
Hunter-Lab	67.8153, 6.3832, 14.4044

Details

The Yxy color $45.9891, 0.3618, 0.3502$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.8240, 0.2733, 0.3067$, and the grayscale version is $46.9099, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4500, 0.3432, 0.3462$, and $21.6632, 0.3761, 0.3557$ is the 20% darker color. If you saturate the color by 10%, you get $40.1218, 0.3872, 0.3589$, and if you desaturate by 10%, it is $52.5763, 0.3402, 0.3416$.

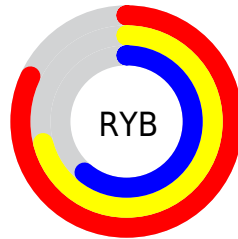
Distribution



Red (82%)

Green (68%)

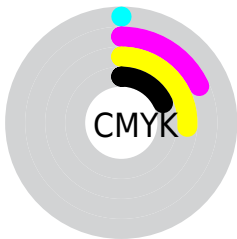
Blue (61%)



Red (82%)

Yellow (71%)

Blue (61%)

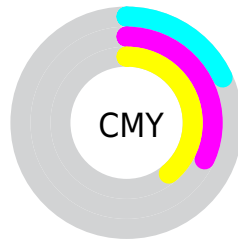


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (18%)



Cyan (18%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9891, 0.3618, 0.3502 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 45.9891, 0.3618, 0.3502 by changing the saturation by 10% instead.


 45.9891, 0.3618,
0.3502

 45.9891, 0.3618,
0.3502


370.7648, 0.3370,
0.3400

 32.2372, 0.3680,
0.3526


 84.2027, 0.3527,
0.3466

 21.5428, 0.3761,
0.3556


 109.4332, 0.3494,
0.3452

 13.5213, 0.3868,
0.3593


139.2587, 0.3465,
0.3441

 7.7885, 0.4019,
0.3643

174.0635, 0.3441,
0.3430

 3.9599, 0.4243,
0.3708

214.2322, 0.3419,
0.3421

 1.6512, 0.4639,
0.3817

260.1490, 0.3401,


 0.3917, 0.6195,


0.3414


0.3805

312.1985, 0.3385,
0.3407

 0.0000, 0.0000,
0.0000

 45.9891, 0.3618,
0.3502


 45.9891, 0.3618,
0.3502


 40.1218, 0.3872,
0.3589


 52.5763, 0.3402,
0.3416

 34.9431, 0.4164,
0.3673


 59.9006, 0.3219,
0.3334


 30.4285, 0.4494,
0.3745

 67.9869, 0.3064,
0.3258

 26.5498, 0.4851,
0.3796

 76.8567, 0.2933,
0.3188

 23.2763, 0.5214,
0.3812

 86.1402, 0.2855,
0.3184

■ 20.5745, 0.5553,
0.3784

■ 92.4350, 0.2860,
0.3289

■ 18.4067, 0.5833,
0.3707

■ 17.6226, 0.5937,
0.3668

Harmonies

Analogous

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



45.9891, 0.3548, 0.3297



45.9891, 0.3618, 0.3502



45.9891, 0.3550, 0.3663

Triad

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



45.9891, 0.3618, 0.3502



45.9891, 0.2890, 0.3492



45.9891, 0.2879, 0.2881

Complementary

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



45.9891, 0.3618, 0.3502



49.8240, 0.2733, 0.3067

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.



45.9891, 0.2716, 0.2914



45.9891, 0.3618, 0.3502



45.9891, 0.2722, 0.3260

Square

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



45.9891, 0.3618, 0.3502



45.9891, 0.3125, 0.3667



45.9891, 0.2660, 0.3049



45.9891, 0.3114, 0.2948

Rectangle

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



45.9891, 0.3618, 0.3502



45.9891, 0.3438, 0.3720



45.9891, 0.2660, 0.3049



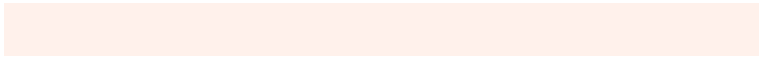
45.9891, 0.2814, 0.2880

Sweetspot

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



45.9912, 0.3618, 0.3502



90.1685, 0.3259, 0.3353



41.3537, 0.3302, 0.2835



18.9225, 0.3286, 0.3366



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.



45.9912, 0.3618, 0.3502



66.1191, 0.3756, 0.3551



57.0167, 0.3542, 0.3809



12.4085, 0.3283, 0.3364



10.9148, 0.5911, 0.3689



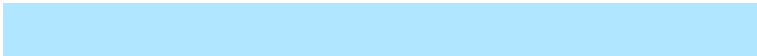
0.7520, 0.5547, 0.3977

Inverse Universe

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



49.8240, 0.2733, 0.3067



73.0660, 0.2648, 0.3011



39.2765, 0.2700, 0.2711



12.7514, 0.2983, 0.3215



15.1413, 0.1954, 0.2233



0.9856, 0.2014, 0.2450

Previews

White Background



This preview shows how the Yxy color 45.9891, 0.3618, 0.3502 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 45.9891, 0.3618, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

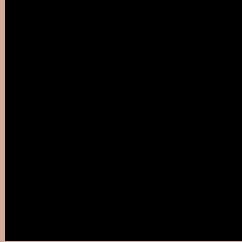
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9891, 0.3618, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 45.9891, 0.3618, 0.3502.



This preview shows how white text looks on a background with the Yxy color 45.9891, 0.3618, 0.3502.

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

45.9891, 0.3618, 0.3502

Protanopia

45.9994, 0.3371, 0.3552

Deuteranopia

45.9378, 0.3587, 0.3516



Tritanopia

45.8995, 0.3419, 0.3134

Trichromacy



Original Color

45.9891, 0.3618, 0.3502

Protanomaly

45.8178, 0.3459, 0.3522

Deuteranomaly

46.0823, 0.3597, 0.3515

Tritanomaly

45.7636, 0.3490, 0.3255

Monochromacy



Original Color

45.9891, 0.3618, 0.3502

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4638, 0.3291, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9891, 0.3618, 0.3502 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(210, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 156)  
}
```

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(210, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 156) }
```

Border

The CSS property to change the border of an element to Yxy 45.9891, 0.3618, 0.3502 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(210, 173, 156) }
```

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

```
.border{ border-color:rgb(210, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(210, 173,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9891, 0.3618, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 156) }
```

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

```
.background{ background-color: rgb(210,  
173, 156) }
```

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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