

Converting Colors

$Yxy(45.1065, 0.3455, 0.3512)$

Have a look what the booklet for
Yxy(45.1065, 0.3455, 0.3512)
contains.

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Color

Yxy(45.2896, 0.3452, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	C4B09F
RGB	196, 176, 159
RGB Percent	77%, 69%, 62%
CMY	0.2315, 0.3097, 0.3764
CMYK	0.00, 0.10, 0.19, 0.23
HSL	28°, 24%, 70%
HSV	28°, 19%, 77%
XYZ	44.5412, 45.2896, 39.1994
YIQ	180.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

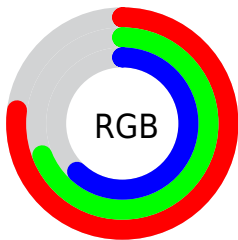
Format	Color
R_{YB}	196, 190, 159
Decimal	12890271
CIE _{Lab}	73.08, 4.39, 11.31
CIE _{LCh}	73, 12.136, 68.772
Yxy	45.2896, 0.3452, 0.3510
Android (android.graphics.Color)	4291080351 (0xFFC4B09F)
YUV	180.0420, -10.3737, 13.9952
Hunter-Lab	67.2975, 0.3704, 12.5731

Details

The Yxy color $45.2896, 0.3452, 0.3510$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.5775, 0.2834, 0.3060$, and the grayscale version is $45.7144, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4509, 0.3391, 0.3472$, and $21.2488, 0.3541, 0.3571$ is the 20% darker color. If you saturate the color by 10%, you get $40.6763, 0.3661, 0.3634$, and if you desaturate by 10%, it is $50.3380, 0.3269, 0.3390$.

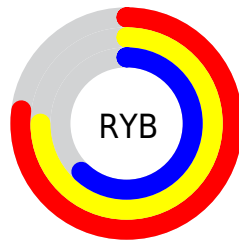
Distribution



Red (77%)

Green (69%)

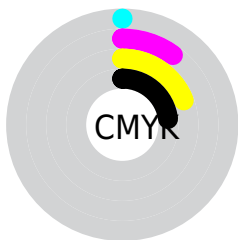
Blue (62%)



Red (77%)

Yellow (75%)

Blue (62%)

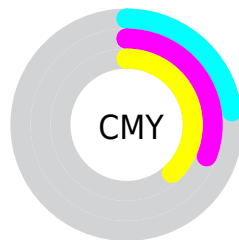


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2896, 0.3452, 0.3510 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 45.2896, 0.3452, 0.3510 by changing the saturation by 10% instead.


 45.2896, 0.3452,
0.3510


 45.2896, 0.3452,
0.3510


367.9452, 0.3288,
0.3401

 31.6856, 0.3493,
0.3537

 83.1548, 0.3392,
0.3471

 21.1215, 0.3547,
0.3571


 108.1848, 0.3370,
0.3456

 13.2128, 0.3618,
0.3616


137.7923, 0.3351,
0.3443

 7.5753, 0.3718,
0.3678

172.3616, 0.3335,
0.3432

 3.8244, 0.3869,
0.3768

212.2771, 0.3321,
0.3423

 1.5758, 0.4129,
0.3917

257.9233, 0.3308,

 0.3412, 0.5585,

0.3415

0.4415

309.6845, 0.3298,
0.3408

0.0000, 0.0000,
0.0000

45.2896, 0.3452,
0.3510

45.2896, 0.3452,
0.3510

40.6763, 0.3661,
0.3634

50.3380, 0.3269,
0.3390

36.4797, 0.3897,
0.3758

55.8272, 0.3110,
0.3277

32.6887, 0.4159,
0.3876

61.7707, 0.2972,
0.3172

29.2894, 0.4442,
0.3977

68.1791, 0.2853,
0.3076

26.2670, 0.4735,
0.4051

74.9342, 0.2761,
0.3007

■ 23.6054, 0.5021,
0.4085

■ 80.9634, 0.2770,
0.3123

■ 21.2868, 0.5283,
0.4067

■ 87.3553, 0.2779,
0.3237

■ 19.2869, 0.5505,
0.4000

■ 90.4705, 0.2783,
0.3289

■ 19.0756, 0.5530,
0.3991

Harmonies

Analogous

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



45.2896, 0.3457, 0.3381



45.2896, 0.3452, 0.3510



45.2896, 0.3358, 0.3584

Triad

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



45.2896, 0.3452, 0.3510



45.2896, 0.2887, 0.3341



45.2896, 0.3045, 0.3020

Complementary

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



45.2896, 0.3452, 0.3510



43.5775, 0.2834, 0.3060

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.



45.2896, 0.2897, 0.3004



45.2896, 0.3452, 0.3510



45.2896, 0.2808, 0.3184

Square

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



45.2896, 0.3452, 0.3510



45.2896, 0.3031, 0.3488



45.2896, 0.2812, 0.3062



45.2896, 0.3218, 0.3104

Rectangle

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



45.2896, 0.3452, 0.3510



45.2896, 0.3259, 0.3590



45.2896, 0.2812, 0.3062



45.2896, 0.2990, 0.3007

Sweetspot

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



45.2916, 0.3452, 0.3510



93.8973, 0.3223, 0.3358



39.7987, 0.3299, 0.3030



19.9596, 0.3234, 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.



45.2916, 0.3452, 0.3510



78.2212, 0.3543, 0.3566



52.8680, 0.3412, 0.3732



10.8247, 0.3278, 0.3396



12.4306, 0.5507, 0.4010



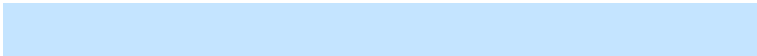
0.6748, 0.5140, 0.4301

Inverse Universe

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



43.5775, 0.2834, 0.3060



74.4925, 0.2762, 0.2998



36.7960, 0.2820, 0.2806



10.6283, 0.2984, 0.3181



9.3301, 0.1814, 0.1729



0.5398, 0.1919, 0.2109

Previews

White Background



This preview shows how the Yxy color 45.2896, 0.3452, 0.3510 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 45.2896, 0.3452, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

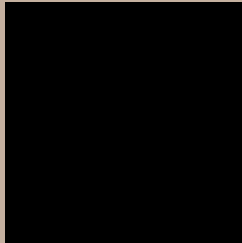
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2896, 0.3452, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 45.2896, 0.3452, 0.3510.



This preview shows how white text looks on a background with the Yxy color 45.2896, 0.3452, 0.3510.

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

45.2896, 0.3452, 0.3510

Protanopia

45.3782, 0.3346, 0.3528

Deuteranopia

45.2626, 0.3526, 0.3455



Tritanopia

45.1923, 0.3252, 0.3116

Trichromacy



Original Color

45.2896, 0.3452, 0.3510

Protanomaly

45.3260, 0.3384, 0.3526

Deuteranomaly

45.2277, 0.3495, 0.3469

Tritanomaly

45.0275, 0.3328, 0.3253

Monochromacy



Original Color

45.2896, 0.3452, 0.3510

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6579, 0.3245, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2896, 0.3452, 0.3510 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(196, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 176, 159)  
}
```

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(196, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 176, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.2896, 0.3452, 0.3510 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(196, 176, 159) }
```

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

```
.border{ border-color:rgb(196, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(196, 176,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2896, 0.3452, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 176, 159) }
```

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

```
.background{ background-color: rgb(196,  
176, 159) }
```

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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