

Converting Colors

$Y_{xy}(45.2724, 0.3536, 0.3559)$

Have a look what the booklet for
Yxy(45.2724, 0.3536, 0.3559)
contains.

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Color

Yxy(45.2724, 0.3536, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	C8AF9A
RGB	200, 175, 154
RGB Percent	78%, 69%, 60%
CMY	0.2158, 0.3137, 0.3960
CMYK	0.00, 0.12, 0.23, 0.22
HSL	27°, 29%, 69%
HSV	27°, 23%, 78%
XYZ	44.9798, 45.2724, 36.9532
YIQ	180.0810, 21.6410, -1.2310

Conversions

Conversions Part 2

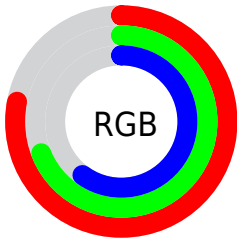
Format	Color
R _Y B	200, 193, 154
Decimal	13152154
CIE Lab	73.07, 5.71, 14.06
CIE LCh	73, 15.180, 67.891
Yxy	45.2724, 0.3536, 0.3559
Android (android.graphics.Color)	4291342234 (0xFFC8AF9A)
YUV	180.0810, -12.8579, 17.4690
Hunter-Lab	67.2848, 1.5788, 14.5369

Details

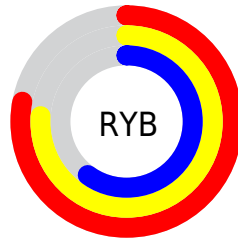
The Yxy color $45.2724, 0.3536, 0.3559$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.2828, 0.2768, 0.3005$, and the grayscale version is $45.7502, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9659, 0.3447, 0.3522$, and $21.2562, 0.3659, 0.3637$ is the 20% darker color. If you saturate the color by 10%, you get $40.6006, 0.3757, 0.3683$, and if you desaturate by 10%, it is $50.3998, 0.3342, 0.3438$.

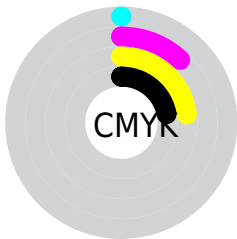
Distribution



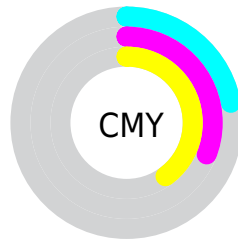
- Red (78%)
- Green (69%)
- Blue (60%)



- Red (78%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2724, 0.3536, 0.3559 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 45.2724, 0.3536, 0.3559 by changing the saturation by 10% instead.


 45.2724, 0.3536,
0.3559


 45.2724, 0.3536,
0.3559


367.8757, 0.3330,
0.3426

 31.6720, 0.3588,
0.3591


 83.1290, 0.3461,
0.3511

 21.1111, 0.3655,
0.3632


 108.1541, 0.3432,
0.3493

 13.2053, 0.3744,
0.3686


137.7562, 0.3409,
0.3478

 7.5700, 0.3870,
0.3758

172.3197, 0.3388,
0.3465

 3.8211, 0.4056,
0.3861

212.2290, 0.3371,
0.3453

 1.5740, 0.4412,
0.4060

257.8685, 0.3355,

 0.3400, 0.5764,

0.3443

0.4236

309.6226, 0.3342,
0.3434

0.0000, 0.0000,
0.0000

45.2724, 0.3536,
0.3559

45.2724, 0.3536,
0.3559

40.6006, 0.3757,
0.3683

50.3998, 0.3342,
0.3438

36.3649, 0.4006,
0.3804

55.9894, 0.3173,
0.3323

32.5529, 0.4279,
0.3916

62.0556, 0.3027,
0.3215

29.1496, 0.4569,
0.4007

68.6102, 0.2900,
0.3116

26.1386, 0.4864,
0.4065

75.6643, 0.2791,
0.3024

■ 23.5022, 0.5144,
0.4077

■ 81.9428, 0.2794,
0.3132

■ 21.2203, 0.5391,
0.4035

■ 88.5418, 0.2802,
0.3248

■ 19.8108, 0.5543,
0.3981

■ 91.0164, 0.2805,
0.3289

Harmonies

Analogous

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



45.2724, 0.3540, 0.3396



45.2724, 0.3536, 0.3559



45.2724, 0.3420, 0.3657

Triad

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



45.2724, 0.3536, 0.3559



45.2724, 0.2832, 0.3359



45.2724, 0.3017, 0.2954

Complementary

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



45.2724, 0.3536, 0.3559



43.2828, 0.2768, 0.3005

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.



45.2724, 0.2835, 0.2935



45.2724, 0.3536, 0.3559



45.2724, 0.2732, 0.3161

Square

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



45.2724, 0.3536, 0.3559



45.2724, 0.3012, 0.3544



45.2724, 0.2733, 0.3008



45.2724, 0.3234, 0.3055

Rectangle

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



45.2724, 0.3536, 0.3559



45.2724, 0.3296, 0.3668



45.2724, 0.2733, 0.3008



45.2724, 0.2950, 0.2938

Sweetspot

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



45.2745, 0.3536, 0.3559



92.8696, 0.3240, 0.3370



38.6652, 0.3345, 0.2970



19.7505, 0.3250, 0.3377



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.



45.2745, 0.3536, 0.3559



73.9179, 0.3653, 0.3626



54.8531, 0.3476, 0.3831



11.4214, 0.3278, 0.3396



12.7740, 0.5519, 0.4000



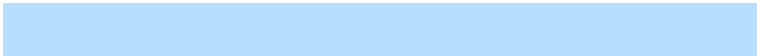
0.7492, 0.5174, 0.4274

Inverse Universe

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



43.2828, 0.2768, 0.3005



69.8167, 0.2682, 0.2928



34.9301, 0.2744, 0.2684



11.2265, 0.2983, 0.3182



9.7443, 0.1817, 0.1740



0.6050, 0.1915, 0.2092

Previews

White Background



This preview shows how the Yxy color 45.2724, 0.3536, 0.3559 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 45.2724, 0.3536, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

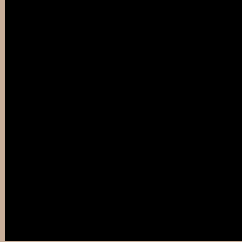
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2724, 0.3536, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 45.2724, 0.3536, 0.3559.



This preview shows how white text looks on a background with the Yxy color 45.2724, 0.3536, 0.3559.

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

45.2724, 0.3536, 0.3559

Protanopia

45.3319, 0.3398, 0.3594

Deuteranopia

45.3420, 0.3599, 0.3530



Tritanopia

45.4239, 0.3316, 0.3130

Trichromacy



Original Color

45.2724, 0.3536, 0.3559

Protanomaly

45.4138, 0.3446, 0.3591

Deuteranomaly

45.4426, 0.3577, 0.3544

Tritanomaly

45.2187, 0.3402, 0.3278

Monochromacy



Original Color

45.2724, 0.3536, 0.3559

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3459, 0.3264, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2724, 0.3536, 0.3559 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(200, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 154)  
}
```

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(200, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 154) }
```

Border

The CSS property to change the border of an element to Yxy 45.2724, 0.3536, 0.3559 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(200, 175, 154) }
```

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

```
.border{ border-color:rgb(200, 175, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2724, 0.3536, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 154) }
```

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

```
.background{ background-color: rgb(200,  
175, 154) }
```

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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