

Converting Colors

$Y_{xy}(42.4542, 0.3633, 0.3425)$

Have a look what the booklet for
Yxy(42.4542, 0.3633, 0.3425)
contains.

Yxy(42.5088, 0.3633, 0.3430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.5088, 0.3633, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	CFA59A
RGB	207, 165, 154
RGB Percent	81%, 65%, 60%
CMY	0.1881, 0.3530, 0.3961
CMYK	0.00, 0.20, 0.26, 0.19
HSL	12°, 36%, 71%
HSV	12°, 26%, 81%
XYZ	45.0246, 42.5088, 36.3989
YIQ	176.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

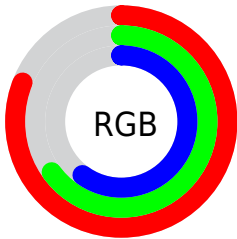
Format	Color
R _Y B	207, 168, 154
Decimal	13608346
CIE Lab	71.22, 13.82, 11.57
CIE LCh	71, 18.026, 39.948
Yxy	42.5088, 0.3633, 0.3430
Android (android.graphics.Color)	4291798426 (0xFFCFA59A)
YUV	176.3040, -10.9959, 26.9204
Hunter-Lab	65.1988, 9.1697, 12.5389

Details

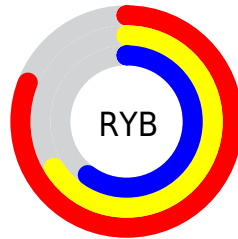
The Yxy color **42.5088, 0.3633, 0.3430** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8643, 0.2741, 0.3145**, and the grayscale version is **43.6319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0005, 0.3467, 0.3413**, and **19.4649, 0.3788, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **36.3358, 0.3905, 0.3488**, and if you desaturate by 10%, it is **49.5639, 0.3406, 0.3373**.

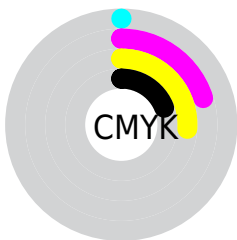
Distribution



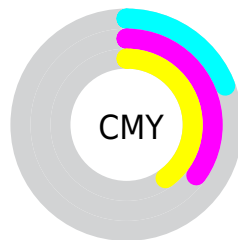
- Red (81%)
- Green (65%)
- Blue (60%)



- Red (81%)
- Yellow (66%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (19%)




- Cyan (19%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5088, 0.3633, 0.3430 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 42.5088, 0.3633, 0.3430 by changing the saturation by 10% instead.

 42.5088, 0.3633,
0.3430


 42.5088, 0.3633,
0.3430


356.5878, 0.3374,
0.3364

 29.4999, 0.3699,
0.3445


 78.9691, 0.3537,
0.3407

 19.4593, 0.3786,
0.3464


 103.1893, 0.3502,
0.3398

 12.0026, 0.3903,
0.3487


131.9154, 0.3472,
0.3390

 6.7455, 0.4069,
0.3515

165.5317, 0.3447,
0.3384

 3.3034, 0.4323,
0.3549

204.4227, 0.3425,
0.3378

 1.2921, 0.4831,
0.3639

248.9728, 0.3406,

 0.1351, 0.7752,

0.3373

0.2248

299.5664, 0.3389,
0.3368

0.0000, 0.0000,
0.0000

42.5088, 0.3633,
0.3430

42.5088, 0.3633,
0.3430

36.3358, 0.3905,
0.3488

49.5639, 0.3406,
0.3373

31.0043, 0.4225,
0.3543

57.5281, 0.3218,
0.3319

26.4792, 0.4592,
0.3589

66.4343, 0.3063,
0.3268

22.7204, 0.4995,
0.3617

76.3123, 0.2933,
0.3222

19.6846, 0.5405,
0.3617

87.0280, 0.2839,
0.3206

■ 17.3236, 0.5780,
0.3582

■ 92.0092, 0.2844,
0.3289

■ 15.5832, 0.6071,
0.3512

■ 14.9941, 0.6174,
0.3480

Harmonies

Analogous

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



42.5088, 0.3505, 0.3211



42.5088, 0.3633, 0.3430



42.5088, 0.3618, 0.3625

Triad

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



42.5088, 0.3633, 0.3430



42.5088, 0.2969, 0.3587



42.5088, 0.2787, 0.2860

Complementary

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



42.5088, 0.3633, 0.3430



50.8643, 0.2741, 0.3145

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.



42.5088, 0.2657, 0.2938



42.5088, 0.3633, 0.3430



42.5088, 0.2759, 0.3356

Square

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



42.5088, 0.3633, 0.3430



42.5088, 0.3228, 0.3730



42.5088, 0.2647, 0.3116



42.5088, 0.3010, 0.2891

Rectangle

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



42.5088, 0.3633, 0.3430



42.5088, 0.3530, 0.3713



42.5088, 0.2647, 0.3116



42.5088, 0.2731, 0.2874

Sweetspot

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



42.5108, 0.3633, 0.3430



88.8705, 0.3262, 0.3332



40.3817, 0.3252, 0.2776



18.5976, 0.3289, 0.3340



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.



42.5108, 0.3633, 0.3430



62.2477, 0.3783, 0.3463



52.9139, 0.3555, 0.3745



12.2000, 0.3285, 0.3339



9.5555, 0.6152, 0.3497



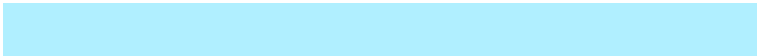
0.6511, 0.5796, 0.3780

Inverse Universe

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



50.8643, 0.2741, 0.3145



77.9408, 0.2659, 0.3108



40.0876, 0.2709, 0.2788



12.9731, 0.2983, 0.3241



19.7162, 0.2059, 0.2614



1.2098, 0.2098, 0.2752

Previews

White Background



This preview shows how the Yxy color 42.5088, 0.3633, 0.3430 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 42.5088, 0.3633, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

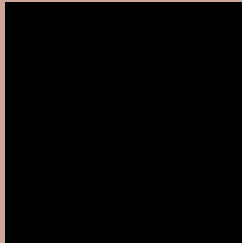
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5088, 0.3633, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 42.5088, 0.3633, 0.3430.



This preview shows how white text looks on a background with the Yxy color 42.5088, 0.3633, 0.3430.

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

42.5088, 0.3633, 0.3430

Protanopia

42.5991, 0.3317, 0.3493

Deuteranopia

42.4473, 0.3555, 0.3485



Tritanopia

42.4520, 0.3469, 0.3143

Trichromacy



Original Color

42.5088, 0.3633, 0.3430

Protanomaly

42.5073, 0.3425, 0.3476

Deuteranomaly

42.4939, 0.3587, 0.3470

Tritanomaly

42.3943, 0.3524, 0.3241

Monochromacy



Original Color

42.5088, 0.3633, 0.3430

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8970, 0.3298, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5088, 0.3633, 0.3430 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(207, 165, 154)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 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(207, 165, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 154) }
```

Border

The CSS property to change the border of an element to Yxy 42.5088, 0.3633, 0.3430 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(207, 165, 154) }
```

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

```
.border{ border-color:rgb(207, 165, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 154);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5088, 0.3633, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 154) }
```

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

```
.background{ background-color: rgb(207,  
165, 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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