

Converting Colors

$Y_{xy}(42.1501, 0.3556, 0.3371)$

Have a look what the booklet for
Yxy(42.1501, 0.3556, 0.3371)
contains.

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Color

Yxy(42.2508, 0.3556, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	CCA59F
RGB	204, 165, 159
RGB Percent	80%, 65%, 62%
CMY	0.1999, 0.3530, 0.3764
CMYK	0.00, 0.19, 0.22, 0.20
HSL	8°, 31%, 71%
HSV	8°, 22%, 80%
XYZ	44.6225, 42.2508, 38.6117
YIQ	175.9770, 25.1700, 6.4020

Conversions

Conversions Part 2

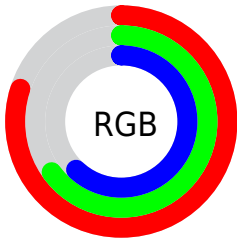
Format	Color
R_{YB}	204, 166, 159
Decimal	13411743
CIE _{Lab}	71.04, 13.42, 8.51
CIE _{LCh}	71, 15.890, 32.391
Yxy	42.2508, 0.3556, 0.3367
Android (android.graphics.Color)	4291601823 (0xFFCCA59F)
YUV	175.9770, -8.3697, 24.5762
Hunter-Lab	65.0006, 8.7879, 10.2809

Details

The Yxy color $42.2508, 0.3556, 0.3367$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.1487, 0.2797, 0.3212$, and the grayscale version is $43.4407, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3014, 0.3424, 0.3351$, and $19.2825, 0.3679, 0.3378$ is the 20% darker color. If you saturate the color by 10%, you get $35.6541, 0.3822, 0.3404$, and if you desaturate by 10%, it is $49.8515, 0.3338, 0.3331$.

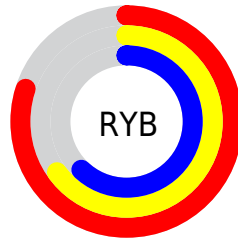
Distribution



Red (80%)

Green (65%)

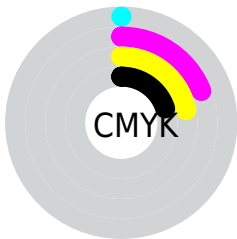
Blue (62%)



Red (80%)

Yellow (65%)

Blue (62%)

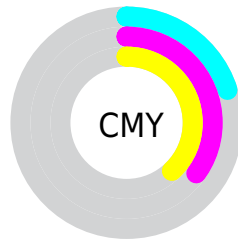


Cyan (0%)

Magenta (19%)

Yellow (22%)

Black (20%)



Cyan (20%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2508, 0.3556, 0.3367 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 42.2508, 0.3556, 0.3367 by changing the saturation by 10% instead.


 42.2508, 0.3556,
0.3367


 42.2508, 0.3556,
0.3367


355.5215, 0.3336,
0.3331

 29.2977, 0.3612,
0.3375


 78.5791, 0.3475,
0.3355

 19.3062, 0.3686,
0.3384


 102.7230, 0.3445,
0.3350

 11.8917, 0.3786,
0.3396


131.3661, 0.3420,
0.3346

 6.6700, 0.3928,
0.3410

164.8926, 0.3398,
0.3342

 3.2566, 0.4147,
0.3425

203.6871, 0.3379,
0.3339

 1.2671, 0.4546,
0.3450

248.1338, 0.3363,

 0.1155, 0.7911,

0.3336

0.2089

298.6171, 0.3349,
0.3334

0.0000, 0.0000,
0.0000

42.2508, 0.3556,
0.3367

42.2508, 0.3556,
0.3367

35.6541, 0.3822,
0.3404

49.8515, 0.3338,
0.3331

30.0139, 0.4141,
0.3441

58.4897, 0.3160,
0.3297

25.2873, 0.4516,
0.3472

68.2045, 0.3014,
0.3265

21.4260, 0.4937,
0.3493

79.0313, 0.2894,
0.3237

18.3771, 0.5377,
0.3495

90.6091, 0.2826,
0.3273

■ 16.0821, 0.5789,
0.3475

■ 91.5819, 0.2827,
0.3289

■ 14.4742, 0.6113,
0.3429

■ 13.6292, 0.6290,
0.3388

Harmonies

Analogous

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



42.2508, 0.3416, 0.3174



42.2508, 0.3556, 0.3367



42.2508, 0.3576, 0.3549

Triad

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



42.2508, 0.3556, 0.3367



42.2508, 0.3044, 0.3592



42.2508, 0.2788, 0.2917

Complementary

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



42.2508, 0.3556, 0.3367



52.1487, 0.2797, 0.3212

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.



42.2508, 0.2697, 0.3012



42.2508, 0.3556, 0.3367



42.2508, 0.2841, 0.3403

Square

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



42.2508, 0.3556, 0.3367



42.2508, 0.3275, 0.3691



42.2508, 0.2716, 0.3188



42.2508, 0.2969, 0.2920

Rectangle

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



42.2508, 0.3556, 0.3367



42.2508, 0.3518, 0.3640



42.2508, 0.2716, 0.3188



42.2508, 0.2746, 0.2938

Sweetspot

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



42.2527, 0.3556, 0.3367



89.4204, 0.3245, 0.3313



41.7575, 0.3199, 0.2806



18.9533, 0.3256, 0.3316



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.



42.2527, 0.3556, 0.3367



65.0802, 0.3663, 0.3383



50.7915, 0.3499, 0.3635



11.4497, 0.3287, 0.3321



8.6536, 0.6273, 0.3401



0.5270, 0.5969, 0.3642

Inverse Universe

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



52.1487, 0.2797, 0.3212



84.0349, 0.2736, 0.3195



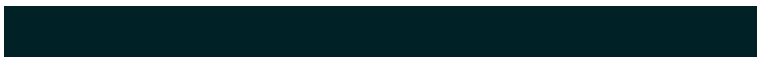
42.8918, 0.2775, 0.2919



12.4632, 0.2983, 0.3258



22.6163, 0.2130, 0.2868



1.2390, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 42.2508, 0.3556, 0.3367 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 42.2508, 0.3556, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

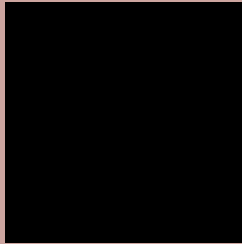
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2508, 0.3556, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 42.2508, 0.3556, 0.3367.



This preview shows how white text looks on a background with the Yxy color 42.2508, 0.3556, 0.3367.

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

42.2508, 0.3556, 0.3367

Protanopia

42.2708, 0.3266, 0.3412

Deuteranopia

42.3442, 0.3490, 0.3421



Tritanopia

42.4113, 0.3429, 0.3141

Trichromacy



Original Color

42.2508, 0.3556, 0.3367

Protanomaly

42.1769, 0.3373, 0.3397

Deuteranomaly

42.3854, 0.3521, 0.3407

Tritanomaly

42.3946, 0.3473, 0.3228

Monochromacy



Original Color

42.2508, 0.3556, 0.3367

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8464, 0.3271, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2508, 0.3556, 0.3367 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(204, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(204, 165, 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(204, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 165, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.2508, 0.3556, 0.3367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

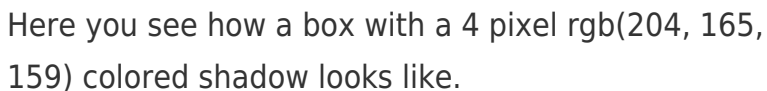
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 165, 159) }
```

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

```
.border{ border-color:rgb(204, 165, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 165, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 165, 159); box-shadow:4px 4px 4px 4px rgb(204, 165, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2508, 0.3556, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 165, 159) }
```

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

```
.background{ background-color: rgb(204,  
165, 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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