

Converting Colors

$Y_{xy}(42.4554, 0.3662, 0.3341)$

Have a look what the booklet for
Yxy(42.4554, 0.3662, 0.3341)
contains.

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Color

Yxy(42.4554, 0.3662, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	D5A29E
RGB	213, 162, 158
RGB Percent	84%, 64%, 62%
CMY	0.1647, 0.3647, 0.3804
CMYK	0.00, 0.24, 0.26, 0.16
HSL	4°, 40%, 73%
HSV	4°, 26%, 84%
XYZ	46.5345, 42.4554, 38.0841
YIQ	176.7930, 31.6800, 9.5680

Conversions

Conversions Part 2

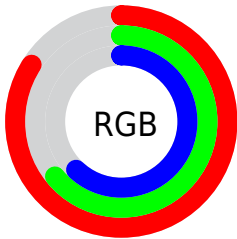
Format	Color
R _Y B	213, 162, 158
Decimal	14000798
CIE Lab	71.18, 18.29, 9.40
CIE LCh	71, 20.561, 27.210
Yxy	42.4554, 0.3662, 0.3341
Android (android.graphics.Color)	4292190878 (0xFFD5A29E)
YUV	176.7930, -9.2649, 31.7535
Hunter-Lab	65.1578, 13.4552, 10.9561

Details

The Yxy color **42.4554, 0.3662, 0.3341** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6744, 0.2746, 0.3238**, and the grayscale version is **43.8903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6898, 0.3436, 0.3331**, and **19.3815, 0.3816, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **35.3667, 0.3959, 0.3362**, and if you desaturate by 10%, it is **50.7678, 0.3420, 0.3320**.

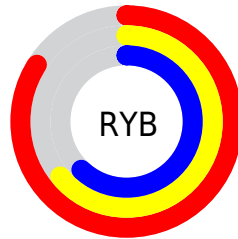
Distribution



Red (84%)

Green (64%)

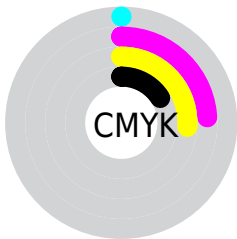
Blue (62%)



Red (84%)

Yellow (64%)

Blue (62%)

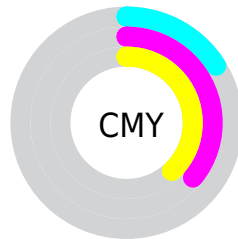


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4554, 0.3662, 0.3341 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 42.4554, 0.3662, 0.3341 by changing the saturation by 10% instead.


 42.4554, 0.3662,
0.3341


 42.4554, 0.3662,
0.3341


356.3673, 0.3388,
0.3320

 29.4580, 0.3732,
0.3345


 78.8884, 0.3561,
0.3335

 19.4276, 0.3824,
0.3348


 103.0928, 0.3523,
0.3332

 11.9797, 0.3948,
0.3351


131.8017, 0.3492,
0.3329

 6.7298, 0.4124,
0.3351

165.3995, 0.3465,
0.3327

 3.2937, 0.4394,
0.3343

204.2706, 0.3442,
0.3325

 1.2869, 0.4886,
0.3327

248.7993, 0.3422,

 0.1311, 0.8133,

0.3323

0.1867

299.3701, 0.3404,
0.3322

0.0000, 0.0000,
0.0000

42.4554, 0.3662,
0.3341

42.4554, 0.3662,
0.3341

35.3667, 0.3959,
0.3362

50.7678, 0.3420,
0.3320

29.4382, 0.4317,
0.3381

60.3514, 0.3224,
0.3301

24.6100, 0.4733,
0.3396

71.2588, 0.3065,
0.3283

20.8142, 0.5189,
0.3403

83.5376, 0.2937,
0.3266

17.9754, 0.5641,
0.3398

92.8882, 0.2877,
0.3289

■ 16.0081, 0.6027,
0.3377

■ 14.8112, 0.6282,
0.3345

■ 14.5051, 0.6354,
0.3337

Harmonies

Analogous

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



42.4554, 0.3457, 0.3100



42.4554, 0.3662, 0.3341



42.4554, 0.3716, 0.3581

Triad

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



42.4554, 0.3662, 0.3341



42.4554, 0.3068, 0.3718



42.4554, 0.2662, 0.2823

Complementary

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



42.4554, 0.3662, 0.3341



57.6744, 0.2746, 0.3238

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.



42.4554, 0.2571, 0.2961



42.4554, 0.3662, 0.3341



42.4554, 0.2798, 0.3484

Square

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



42.4554, 0.3662, 0.3341



42.4554, 0.3364, 0.3819



42.4554, 0.2619, 0.3200



42.4554, 0.2875, 0.2809

Rectangle

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



42.4554, 0.3662, 0.3341



42.4554, 0.3658, 0.3712



42.4554, 0.2619, 0.3200



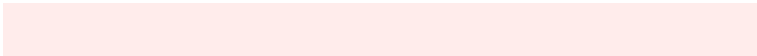
42.4554, 0.2617, 0.2856

Sweetspot

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



42.4574, 0.3662, 0.3341



87.2764, 0.3264, 0.3305



43.2186, 0.3189, 0.2691



18.1996, 0.3293, 0.3308



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.



42.4574, 0.3662, 0.3341



57.7316, 0.3818, 0.3353



53.0846, 0.3581, 0.3666



12.5648, 0.3289, 0.3308



8.9153, 0.6342, 0.3346



0.5898, 0.6171, 0.3482

Inverse Universe

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



57.6744, 0.2746, 0.3238



84.3415, 0.2673, 0.3226



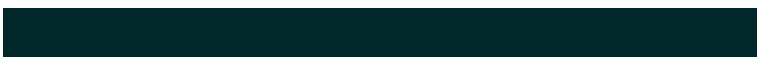
45.4602, 0.2714, 0.2882



13.9456, 0.2983, 0.3272



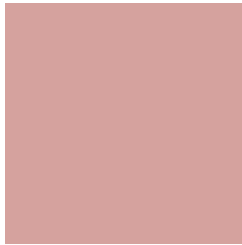
27.5222, 0.2184, 0.3062



1.7074, 0.2196, 0.3104

Previews

White Background



This preview shows how the Yxy color 42.4554, 0.3662, 0.3341 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 42.4554, 0.3662, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

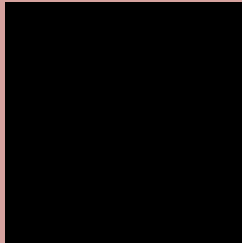
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4554, 0.3662, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 42.4554, 0.3662, 0.3341.



This preview shows how white text looks on a background with the Yxy color 42.4554, 0.3662, 0.3341.

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

42.4554, 0.3662, 0.3341

Protanopia

42.6557, 0.3265, 0.3425

Deuteranopia

42.4454, 0.3509, 0.3433



Tritanopia

42.5672, 0.3550, 0.3146

Trichromacy



Original Color

42.4554, 0.3662, 0.3341

Protanomaly

42.5646, 0.3401, 0.3396

Deuteranomaly

42.4033, 0.3562, 0.3406

Tritanomaly

42.5759, 0.3587, 0.3218

Monochromacy



Original Color

42.4554, 0.3662, 0.3341

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3545, 0.3308, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4554, 0.3662, 0.3341 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(213, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(213, 162, 158)  
}
```

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(213, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 162, 158) }
```

Border

The CSS property to change the border of an element to Yxy 42.4554, 0.3662, 0.3341 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(213, 162, 158) }
```

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

```
.border{ border-color:rgb(213, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(213, 162,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4554, 0.3662, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 162, 158) }
```

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

```
.background{ background-color: rgb(213,  
162, 158) }
```

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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