

Converting Colors

$Yxy(55.2415, 0.3339, 0.3362)$

Have a look what the booklet for
Yxy(55.2415, 0.3339, 0.3362)
contains.

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Color

Yxy(55.2415, 0.3339, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	D4C0BA
RGB	212, 192, 186
RGB Percent	83%, 75%, 73%
CMY	0.1686, 0.2470, 0.2707
CMYK	0.00, 0.09, 0.12, 0.17
HSL	14°, 23%, 78%
HSV	14°, 12%, 83%
XYZ	54.8636, 55.2415, 54.2063
YIQ	197.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

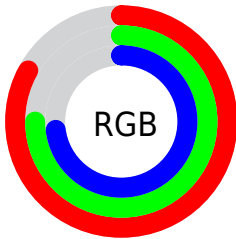
Format	Color
R _Y B	212, 194, 186
Decimal	13942970
CIE Lab	79.18, 6.05, 5.59
CIE LCh	79, 8.241, 42.739
Yxy	55.2415, 0.3339, 0.3362
Android (android.graphics.Color)	4292133050 (0xFFD4C0BA)
YUV	197.2960, -5.5689, 12.8954
Hunter-Lab	74.3246, 1.6937, 8.7859

Details

The Yxy color $55.2415, 0.3339, 0.3362$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.3199, 0.2939, 0.3217$, and the grayscale version is $56.0520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8056, 0.3208, 0.3348$, and $27.3268, 0.3391, 0.3385$ is the 20% darker color. If you saturate the color by 10%, you get $47.6471, 0.3551, 0.3425$, and if you desaturate by 10%, it is $63.7661, 0.3163, 0.3303$.

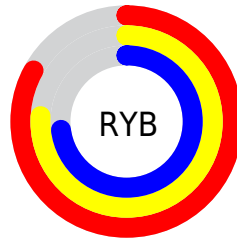
Distribution



Red (83%)

Green (75%)

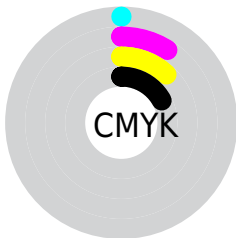
Blue (73%)



Red (83%)

Yellow (76%)

Blue (73%)

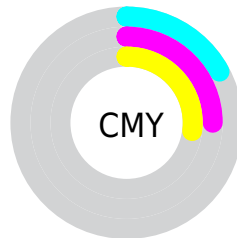


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (17%)



Cyan (17%)


Magenta (25%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2415, 0.3339, 0.3362 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 55.2415, 0.3339, 0.3362 by changing the saturation by 10% instead.


 55.2415, 0.3339,
0.3362

 55.2415, 0.3339,
0.3362

406.8267, 0.3236,
0.3328

 39.5951, 0.3364,
0.3370


 97.8947, 0.3302,
0.3350

 27.2230, 0.3396,
0.3380


125.6703, 0.3288,
0.3345

 17.7408, 0.3438,
0.3393


158.2578, 0.3276,
0.3341

 10.7640, 0.3495,
0.3410

196.0415, 0.3266,
0.3338

 5.9084, 0.3577,
0.3433

239.4058, 0.3257,
0.3335

 2.7895, 0.3707,
0.3468

288.7352, 0.3249,

 1.0228, 0.3969,

0.3332

0.3548

344.4141, 0.3242,
0.3330

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2415, 0.3339,
0.3362

55.2415, 0.3339,
0.3362

47.6471, 0.3551,
0.3425

63.7661, 0.3163,
0.3303

40.9439, 0.3804,
0.3490

73.2436, 0.3017,
0.3248

35.1012, 0.4102,
0.3553

83.7050, 0.2895,
0.3198

30.0835, 0.4448,
0.3608

92.7389, 0.2872,
0.3289

■ 25.8528, 0.4832,
0.3648

■ 22.3681, 0.5234,
0.3663

■ 19.5843, 0.5618,
0.3641

■ 17.4512, 0.5939,
0.3579

■ 16.2076, 0.6129,
0.3515

Harmonies

Analogous

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



55.2415, 0.3292, 0.3267



55.2415, 0.3339, 0.3362



55.2415, 0.3328, 0.3440

Triad

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



55.2415, 0.3339, 0.3362



55.2415, 0.3053, 0.3404



55.2415, 0.2991, 0.3106

Complementary

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



55.2415, 0.3339, 0.3362



59.3199, 0.2939, 0.3217

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.



55.2415, 0.2930, 0.3138



55.2415, 0.3339, 0.3362



55.2415, 0.2965, 0.3310

Square

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



55.2415, 0.3339, 0.3362



55.2415, 0.3162, 0.3466



55.2415, 0.2920, 0.3212



55.2415, 0.3090, 0.3121

Rectangle

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



55.2415, 0.3339, 0.3362



55.2415, 0.3290, 0.3471



55.2415, 0.2920, 0.3212



55.2415, 0.2966, 0.3111

Sweetspot

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



55.2439, 0.3339, 0.3362



94.4624, 0.3192, 0.3313



53.5771, 0.3185, 0.3053



20.0016, 0.3204, 0.3317



0.0000, 0.0000, 0.0000



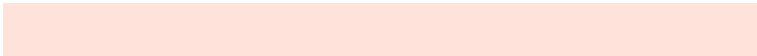
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.2439, 0.3339, 0.3362



80.4410, 0.3396, 0.3380



61.0301, 0.3320, 0.3508



12.8833, 0.3285, 0.3345



10.1320, 0.6106, 0.3534



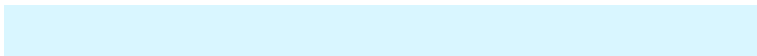
0.7393, 0.5764, 0.3805

Inverse Universe

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



59.3199, 0.2939, 0.3217



87.9264, 0.2895, 0.3199



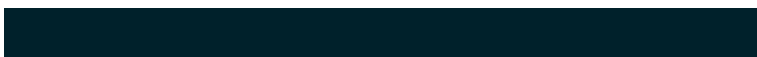
53.4825, 0.2935, 0.3062



13.5970, 0.2982, 0.3235



19.2337, 0.2036, 0.2528



1.2815, 0.2077, 0.2675

Previews

White Background



This preview shows how the Yxy color 55.2415, 0.3339, 0.3362 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 55.2415, 0.3339, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

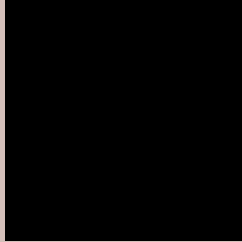
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2415, 0.3339, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 55.2415, 0.3339, 0.3362.



This preview shows how white text looks on a background with the Yxy color 55.2415, 0.3339, 0.3362.

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

55.2415, 0.3339, 0.3362

Protanopia

55.2176, 0.3236, 0.3375

Deuteranopia

55.4322, 0.3401, 0.3337



Tritanopia

55.0510, 0.3217, 0.3117

Trichromacy



Original Color

55.2415, 0.3339, 0.3362

Protanomaly

55.2932, 0.3278, 0.3374

Deuteranomaly

55.4057, 0.3374, 0.3349

Tritanomaly

55.0043, 0.3263, 0.3209

Monochromacy



Original Color

55.2415, 0.3339, 0.3362

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4370, 0.3198, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2415, 0.3339, 0.3362 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(212, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 186)  
}
```

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(212, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.2415, 0.3339, 0.3362 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(212, 192, 186) }
```

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

```
.border{ border-color:rgb(212, 192, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 186);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2415, 0.3339, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 186) }
```

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

```
.background{ background-color: rgb(212,  
192, 186) }
```

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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