

Converting Colors

$Yxy(55.1897, 0.3451, 0.3487)$

Have a look what the booklet for
Yxy(55.1897, 0.3451, 0.3487)
contains.

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Color

Yxy(55.2415, 0.3452, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	D7C0AF
RGB	215, 192, 175
RGB Percent	84%, 75%, 69%
CMY	0.1569, 0.2470, 0.3137
CMYK	0.00, 0.11, 0.19, 0.16
HSL	26°, 33%, 76%
HSV	26°, 19%, 84%
XYZ	54.6087, 55.2415, 48.3442
YIQ	196.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

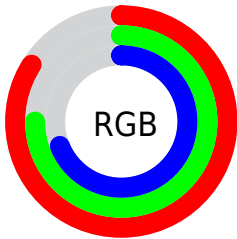
Format	Color
R _Y B	215, 205, 175
Decimal	14139567
CIE Lab	79.18, 5.41, 11.53
CIE LCh	79, 12.731, 64.869
Yxy	55.2415, 0.3452, 0.3492
Android (android.graphics.Color)	4292329647 (0xFFD7C0AF)
YUV	196.9390, -10.8159, 15.8395
Hunter-Lab	74.3246, 1.0817, 13.4622

Details

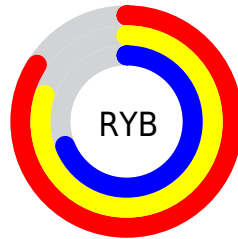
The Yxy color $55.2415, 0.3452, 0.3492$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.3993, 0.2838, 0.3079$, and the grayscale version is $55.8545, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1643, 0.3275, 0.3456$, and $27.3689, 0.3534, 0.3543$ is the 20% darker color. If you saturate the color by 10%, you get $49.2653, 0.3666, 0.3608$, and if you desaturate by 10%, it is $61.8126, 0.3266, 0.3381$.

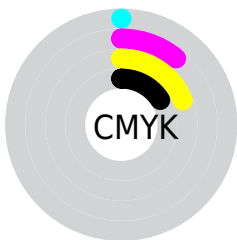
Distribution



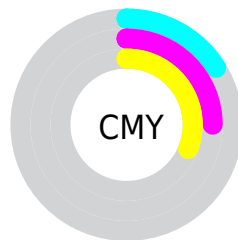
- Red (84%)
- Green (75%)
- Blue (69%)



- Red (84%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2415, 0.3452, 0.3492 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, 0.3452, 0.3492 by changing the saturation by 10% instead.

 55.2415, 0.3452,
0.3492

 55.2415, 0.3452,
0.3492

406.8267, 0.3293,
0.3396

 39.5951, 0.3490,
0.3515


 97.8947, 0.3395,
0.3458

 27.2230, 0.3539,
0.3543


125.6703, 0.3374,
0.3445

 17.7408, 0.3603,
0.3580


158.2578, 0.3355,
0.3434

 10.7640, 0.3689,
0.3629

196.0415, 0.3339,
0.3424

 5.9084, 0.3814,
0.3696

239.4058, 0.3326,
0.3416

 2.7895, 0.4008,
0.3796

288.7352, 0.3314,

 1.0228, 0.4594,

0.3408

0.4178

344.4141, 0.3303,
0.3401

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2415, 0.3452,
0.3492

55.2415, 0.3452,
0.3492

49.2653, 0.3666,
0.3608

61.8126, 0.3266,
0.3381

43.8590, 0.3910,
0.3724

68.9879, 0.3106,
0.3276

39.0068, 0.4184,
0.3833

76.7857, 0.2968,
0.3178

34.6891, 0.4481,
0.3927

84.8290, 0.2883,
0.3149

■ 30.8850, 0.4792,
0.3993

■ 92.4103, 0.2888,
0.3277

■ 27.5717, 0.5098,
0.4018

■ 93.1848, 0.2888,
0.3289

■ 24.7243, 0.5376,
0.3992

■ 22.3109, 0.5610,
0.3915

■ 22.0026, 0.5641,
0.3903

Harmonies

Analogous

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



55.2415, 0.3445, 0.3361



55.2415, 0.3452, 0.3492



55.2415, 0.3370, 0.3574

Triad

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



55.2415, 0.3452, 0.3492



55.2415, 0.2907, 0.3361



55.2415, 0.3025, 0.3019

Complementary

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



55.2415, 0.3452, 0.3492



54.3993, 0.2838, 0.3079

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, 0.2886, 0.3013



55.2415, 0.3452, 0.3492



55.2415, 0.2820, 0.3205

Square

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



55.2415, 0.3452, 0.3492



55.2415, 0.3054, 0.3500



55.2415, 0.2812, 0.3079



55.2415, 0.3195, 0.3093

Rectangle

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



55.2415, 0.3452, 0.3492



55.2415, 0.3277, 0.3586



55.2415, 0.2812, 0.3079



55.2415, 0.2973, 0.3009

Sweetspot

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



55.2440, 0.3452, 0.3492



93.5714, 0.3223, 0.3353



49.1993, 0.3286, 0.3017



19.8826, 0.3234, 0.3360



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.



55.2440, 0.3452, 0.3492



78.0268, 0.3526, 0.3534



64.4539, 0.3412, 0.3714



13.2805, 0.3281, 0.3390



13.3628, 0.5615, 0.3924



0.9682, 0.5311, 0.4165

Inverse Universe

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



54.3993, 0.2838, 0.3079



76.5779, 0.2780, 0.3033



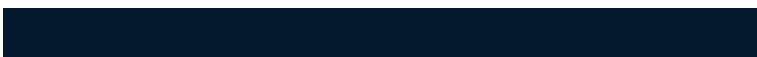
45.9954, 0.2824, 0.2828



13.1818, 0.2982, 0.3188



11.7039, 0.1845, 0.1843



0.8685, 0.1922, 0.2117

Previews

White Background



This preview shows how the Yxy color 55.2415, 0.3452, 0.3492 looks on a white background.

Color Contrast Check

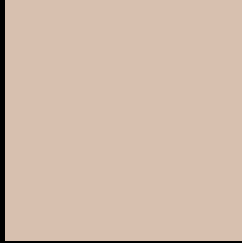
Large Text (above 18pt) WCAG AA × Fail

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, 0.3452, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

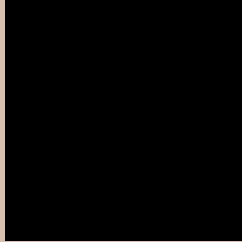
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2415, 0.3452, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 55.2415, 0.3452, 0.3492.



This preview shows how white text looks on a background with the Yxy color 55.2415, 0.3452, 0.3492.

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, 0.3452, 0.3492

Protanopia

55.4915, 0.3336, 0.3521

Deuteranopia

55.2178, 0.3519, 0.3442



Tritanopia

55.3383, 0.3267, 0.3119

Trichromacy



Original Color

55.2415, 0.3452, 0.3492

Protanomaly

55.5747, 0.3379, 0.3519

Deuteranomaly

55.1771, 0.3491, 0.3454

Tritanomaly

55.1509, 0.3338, 0.3244

Monochromacy



Original Color

55.2415, 0.3452, 0.3492

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5417, 0.3245, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2415, 0.3452, 0.3492 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(215, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 175)  
}
```

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(215, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 175) }
```

Border

The CSS property to change the border of an element to Yxy 55.2415, 0.3452, 0.3492 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(215, 192, 175) }
```

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

```
.border{ border-color:rgb(215, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2415, 0.3452, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 175) }
```

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

```
.background{ background-color: rgb(215,  
192, 175) }
```

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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