

Converting Colors

Yxy(55.5526, 0.3416, 0.3442)

Have a look what the booklet for
Yxy(55.5526, 0.3416, 0.3442)
contains.

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Color

Yxy(55.4010, 0.3420, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	D7C0B3
RGB	215, 192, 179
RGB Percent	84%, 75%, 70%
CMY	0.1568, 0.2471, 0.2980
CMYK	0.00, 0.11, 0.17, 0.16
HSL	22°, 31%, 77%
HSV	22°, 17%, 84%
XYZ	55.0149, 55.4010, 50.4464
YIQ	197.3950, 17.8810, 0.8330

Conversions

Conversions Part 2

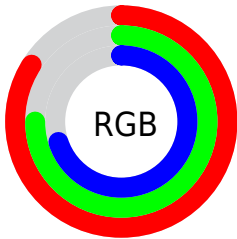
Format	Color
R _Y B	215, 199, 179
Decimal	14139571
CIE Lab	79.27, 6.04, 9.50
CIE LCh	79, 11.261, 57.560
Yxy	55.4010, 0.3420, 0.3444
Android (android.graphics.Color)	4292329651 (0xFFD7C0B3)
YUV	197.3950, -9.0687, 15.4396
Hunter-Lab	74.4318, 1.6793, 11.9183

Details

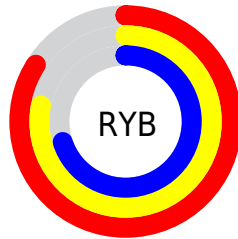
The Yxy color **55.4010, 0.3420, 0.3444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7466, 0.2868, 0.3131**, and the grayscale version is **56.1365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3930, 0.3250, 0.3417**, and **27.4452, 0.3501, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **48.8430, 0.3636, 0.3542**, and if you desaturate by 10%, it is **62.6634, 0.3236, 0.3350**.

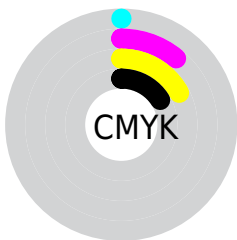
Distribution



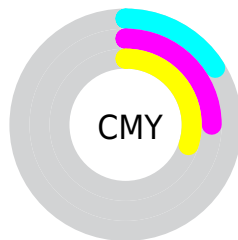
- Red (84%)
- Green (75%)
- Blue (70%)



- Red (84%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4010, 0.3420, 0.3444 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 55.4010, 0.3420, 0.3444 by changing the saturation by 10% instead.


 55.4010, 0.3420,
0.3444

 55.4010, 0.3420,
0.3444


407.4302, 0.3277,
0.3371

 39.7229, 0.3455,
0.3461


 98.1282, 0.3369,
0.3418

 27.3225, 0.3499,
0.3483

125.9461, 0.3349,
0.3408

 17.8156, 0.3556,
0.3510


158.5794, 0.3333,
0.3400

 10.8177, 0.3635,
0.3547

196.4124, 0.3319,
0.3392

 5.9444, 0.3748,
0.3598

239.8296, 0.3306,
0.3386

 2.8113, 0.3924,
0.3673

289.2154, 0.3295,

 1.0340, 0.4372,

0.3380

0.3913

344.9541, 0.3286,
0.3375

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4010, 0.3420,
0.3444

55.4010, 0.3420,
0.3444

48.8430, 0.3636,
0.3542

62.6634, 0.3236,
0.3350

42.9604, 0.3886,
0.3642

70.6434, 0.3079,
0.3262

37.7328, 0.4171,
0.3736

79.3632, 0.2945,
0.3181

33.1360, 0.4488,
0.3818

88.1796, 0.2885,
0.3207

■ 29.1443, 0.4827,
0.3875

■ 93.1897, 0.2889,
0.3289

■ 25.7296, 0.5168,
0.3896

■ 22.8615, 0.5483,
0.3868

■ 20.5047, 0.5745,
0.3789

■ 19.8363, 0.5822,
0.3759

Harmonies

Analogous

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



55.4010, 0.3394, 0.3322



55.4010, 0.3420, 0.3444



55.4010, 0.3366, 0.3529

Triad

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



55.4010, 0.3420, 0.3444



55.4010, 0.2961, 0.3385



55.4010, 0.3003, 0.3043

Complementary

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



55.4010, 0.3420, 0.3444



56.7466, 0.2868, 0.3131

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.



55.4010, 0.2892, 0.3053



55.4010, 0.3420, 0.3444



55.4010, 0.2868, 0.3248

Square

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



55.4010, 0.3420, 0.3444



55.4010, 0.3099, 0.3498



55.4010, 0.2843, 0.3127



55.4010, 0.3150, 0.3095

Rectangle

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



55.4010, 0.3420, 0.3444



55.4010, 0.3292, 0.3551



55.4010, 0.2843, 0.3127



55.4010, 0.2961, 0.3039

Sweetspot

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



55.4035, 0.3420, 0.3444



94.1152, 0.3207, 0.3335



50.9780, 0.3248, 0.3018



19.9722, 0.3219, 0.3341



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.



55.4035, 0.3420, 0.3444



78.0732, 0.3491, 0.3478



63.6086, 0.3387, 0.3644



13.1467, 0.3282, 0.3375



12.0462, 0.5795, 0.3781



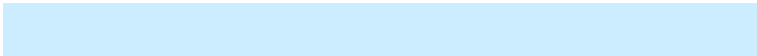
0.8811, 0.5465, 0.4043

Inverse Universe

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



56.7466, 0.2868, 0.3131



80.3962, 0.2815, 0.3095



48.9443, 0.2858, 0.2909



13.3193, 0.2982, 0.3204



13.9190, 0.1909, 0.2071



0.9939, 0.1974, 0.2305

Previews

White Background



This preview shows how the Yxy color 55.4010, 0.3420, 0.3444 looks on a white background.

Color Contrast Check

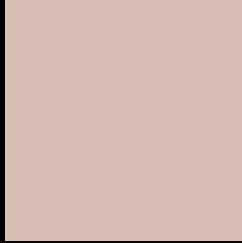
Large Text (above 18pt) WCAG AA × Fail

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 55.4010, 0.3420, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

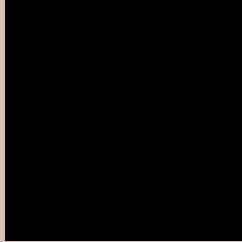
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4010, 0.3420, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 55.4010, 0.3420, 0.3444.



This preview shows how white text looks on a background with the Yxy color 55.4010, 0.3420, 0.3444.

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

55.4010, 0.3420, 0.3444

Protanopia

55.6534, 0.3305, 0.3472

Deuteranopia

55.1795, 0.3486, 0.3407



Tritanopia

55.1837, 0.3259, 0.3118

Trichromacy



Original Color

55.4010, 0.3420, 0.3444

Protanomaly

55.7354, 0.3348, 0.3470

Deuteranomaly

55.1417, 0.3458, 0.3419

Tritanomaly

55.0419, 0.3321, 0.3233

Monochromacy



Original Color

55.4010, 0.3420, 0.3444

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5853, 0.3237, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4010, 0.3420, 0.3444 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 179) }
```

Border

The CSS property to change the border of an element to Yxy 55.4010, 0.3420, 0.3444 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, 179) }
```

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

```
.border{ border-color:rgb(215, 192, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 179);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4010, 0.3420, 0.3444 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, 179) }
```

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

```
.background{ background-color: rgb(215,  
192, 179) }
```

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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