

Converting Colors

$Yxy(55.8039, 0.3320, 0.3356)$

Have a look what the booklet for
Yxy(55.8039, 0.3320, 0.3356)
contains.

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Color

Yxy(55.7678, 0.3321, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	D4C1BC
RGB	212, 193, 188
RGB Percent	83%, 76%, 74%
CMY	0.1688, 0.2430, 0.2628
CMYK	0.00, 0.09, 0.11, 0.17
HSL	13°, 22%, 78%
HSV	13°, 11%, 83%
XYZ	55.2850, 55.7678, 55.4182
YIQ	198.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

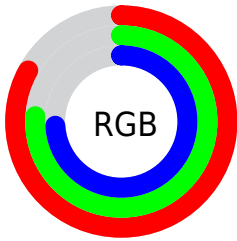
Format	Color
R _Y B	212, 194, 188
Decimal	13943228
CIE Lab	79.48, 5.82, 4.94
CIE LCh	79, 7.631, 40.337
Yxy	55.7678, 0.3321, 0.3350
Android (android.graphics.Color)	4292133308 (0xFFD4C1BC)
YUV	198.1110, -4.9847, 12.1807
Hunter-Lab	74.6778, 1.4598, 8.2756

Details

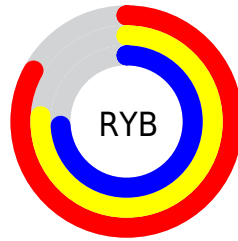
The Yxy color $55.7678, 0.3321, 0.3350$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.0195, 0.2954, 0.3229$, and the grayscale version is $56.5651, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.5430, 0.3195, 0.3338$, and $27.6735, 0.3367, 0.3369$ is the 20% darker color. If you saturate the color by 10%, you get $47.9355, 0.3530, 0.3407$, and if you desaturate by 10%, it is $64.5766, 0.3147, 0.3297$.

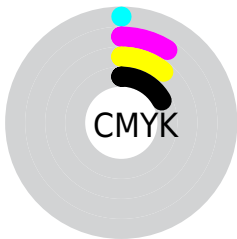
Distribution



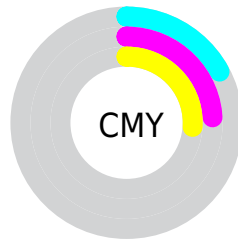
- Red (83%)
- Green (76%)
- Blue (74%)



- Red (83%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7678, 0.3321, 0.3350 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 55.7678, 0.3321, 0.3350 by changing the saturation by 10% instead.


 55.7678, 0.3321,
0.3350

 55.7678, 0.3321,
0.3350


408.8158, 0.3227,
0.3322

 40.0168, 0.3344,
0.3357


 98.6650, 0.3287,
0.3340

 27.5516, 0.3373,
0.3365


126.5800, 0.3274,
0.3336

 17.9879, 0.3411,
0.3375


159.3184, 0.3263,
0.3333

 10.9413, 0.3463,
0.3390

197.2646, 0.3254,
0.3330

 6.0274, 0.3537,
0.3409

240.8031, 0.3246,
0.3328

 2.8617, 0.3655,
0.3438

290.3182, 0.3239,

 1.0600, 0.3877,

0.3325

0.3494

346.1943, 0.3232,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7678, 0.3321,
0.3350

55.7678, 0.3321,
0.3350

47.9355, 0.3530,
0.3407

64.5766, 0.3147,
0.3297

41.0388, 0.3782,
0.3466

74.3866, 0.3004,
0.3247

35.0446, 0.4081,
0.3523

85.2305, 0.2884,
0.3203

29.9150, 0.4429,
0.3575

92.7288, 0.2871,
0.3289

■ 25.6096, 0.4819,
0.3612

■ 22.0843, 0.5229,
0.3626

■ 19.2911, 0.5625,
0.3606

■ 17.1762, 0.5957,
0.3550

■ 15.8342, 0.6171,
0.3482

Harmonies

Analogous

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



55.7678, 0.3274, 0.3262



55.7678, 0.3321, 0.3350



55.7678, 0.3315, 0.3424

Triad

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



55.7678, 0.3321, 0.3350



55.7678, 0.3066, 0.3401



55.7678, 0.2996, 0.3120

Complementary

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



55.7678, 0.3321, 0.3350



60.0195, 0.2954, 0.3229

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.



55.7678, 0.2942, 0.3154



55.7678, 0.3321, 0.3350



55.7678, 0.2982, 0.3316

Square

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



55.7678, 0.3321, 0.3350



55.7678, 0.3167, 0.3455



55.7678, 0.2937, 0.3225



55.7678, 0.3085, 0.3131

Rectangle

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



55.7678, 0.3321, 0.3350



55.7678, 0.3283, 0.3455



55.7678, 0.2937, 0.3225



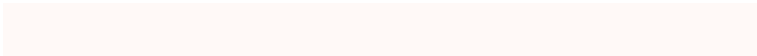
55.7678, 0.2973, 0.3127

Sweetspot

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



55.7703, 0.3321, 0.3350



95.7232, 0.3175, 0.3306



54.4614, 0.3177, 0.3068



20.2491, 0.3188, 0.3310



0.0000, 0.0000, 0.0000



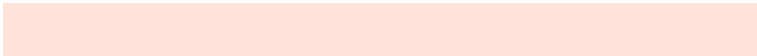
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7703, 0.3321, 0.3350



81.2247, 0.3377, 0.3366



61.1655, 0.3305, 0.3486



12.8399, 0.3286, 0.3340



9.8993, 0.6149, 0.3500



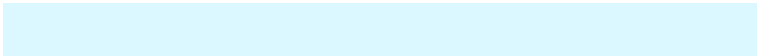
0.7192, 0.5813, 0.3766

Inverse Universe

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



60.0195, 0.2954, 0.3229



89.1482, 0.2911, 0.3213



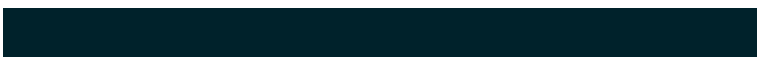
54.5480, 0.2951, 0.3086



13.6436, 0.2982, 0.3240



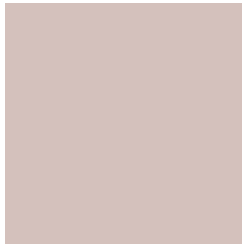
20.2370, 0.2057, 0.2603



1.3343, 0.2093, 0.2735

Previews

White Background



This preview shows how the Yxy color 55.7678, 0.3321, 0.3350 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 55.7678, 0.3321, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

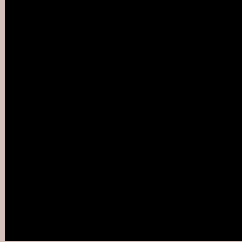
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7678, 0.3321, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 55.7678, 0.3321, 0.3350.



This preview shows how white text looks on a background with the Yxy color 55.7678, 0.3321, 0.3350.

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

55.7678, 0.3321, 0.3350

Protanopia

55.7541, 0.3220, 0.3363

Deuteranopia

55.5611, 0.3377, 0.3302



Tritanopia

55.5308, 0.3209, 0.3117

Trichromacy



Original Color

55.7678, 0.3321, 0.3350

Protanomaly

55.8261, 0.3261, 0.3362

Deuteranomaly

55.5347, 0.3350, 0.3314

Tritanomaly

55.5313, 0.3246, 0.3197

Monochromacy



Original Color

55.7678, 0.3321, 0.3350

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0714, 0.3198, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7678, 0.3321, 0.3350 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, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 188)  
}
```

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, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.7678, 0.3321, 0.3350 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, 193, 188) }
```

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

```
.border{ border-color:rgb(212, 193, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7678, 0.3321, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 188) }
```

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

```
.background{ background-color: rgb(212,  
193, 188) }
```

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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