

Converting Colors

$Yxy(54.8978, 0.3459, 0.3548)$

Have a look what the booklet for
Yxy(54.8978, 0.3459, 0.3548)
contains.

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Color

Yxy(55.0773, 0.3457, 0.3554)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D4C1AB |
| RGB | 212, 193, 171 |
| RGB Percent | 83%, 76%, 67% |
| CMY | 0.1685, 0.2431, 0.3295 |
| CMYK | 0.00, 0.09, 0.19, 0.17 |
| HSL | 32°, 32%, 75% |
| HSV | 32°, 19%, 83% |
| XYZ | 53.5741, 55.0773, 46.3213 |
| YIQ | 196.1730, 18.3860, -2.8140 |

Conversions

Conversions Part 2

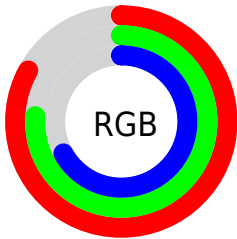
| Format | Color |
|-------------------------------------|---|
| RYB | 206, 212, 171 |
| Decimal | 13943211 |
| CIELab | 79.09, 3.17, 13.52 |
| CIELCh | 79, 13.889, 76.799 |
| Yxy | 55.0773, 0.3457, 0.3554 |
| Android (android.graphics.Color) | 4292133291 (0xFFD4C1AB) |
| YUV | 196.1730, -12.4103, 13.8803 |
| Hunter-Lab | 74.2141, -1.0181, 14.9435 |

Details

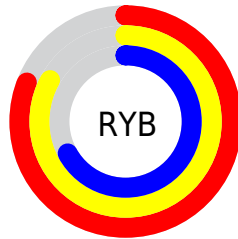
The Yxy color **55.0773, 0.3457, 0.3554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2329, 0.2822, 0.3011**, and the grayscale version is **55.3803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5024, 0.3304, 0.3515**, and **27.2562, 0.3540, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **50.1349, 0.3660, 0.3698**, and if you desaturate by 10%, it is **60.4429, 0.3277, 0.3414**.

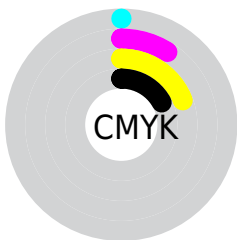
Distribution



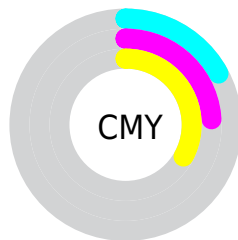
- Red (83%)
- Green (76%)
- Blue (67%)



- Red (81%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0773, 0.3457, 0.3554 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 55.0773, 0.3457, 0.3554 by changing the saturation by 10% instead.


 55.0773, 0.3457,
0.3554

 55.0773, 0.3457,
0.3554


406.2049, 0.3296,
0.3427

 39.4636, 0.3496,
0.3584


 97.6542, 0.3400,
0.3509

 27.1206, 0.3545,
0.3622


125.3862, 0.3378,
0.3492

 17.6638, 0.3609,
0.3671


157.9264, 0.3359,
0.3477

 10.7089, 0.3696,
0.3737

195.6593, 0.3343,
0.3464

 5.8714, 0.3821,
0.3829

238.9692, 0.3329,
0.3453

 2.7671, 0.4012,
0.3966

288.2405, 0.3317,

 1.0114, 0.4745,

0.3443

0.4577

343.8576, 0.3306,
0.3435

0.0000, 0.0000,
0.0000

55.0773, 0.3457,
0.3554

55.0773, 0.3457,
0.3554

50.1349, 0.3660,
0.3698

60.4429, 0.3277,
0.3414

45.5965, 0.3884,
0.3842

66.2354, 0.3118,
0.3282

41.4522, 0.4128,
0.3977

72.4680, 0.2978,
0.3158

37.6888, 0.4385,
0.4095

79.1004, 0.2860,
0.3052

34.2921, 0.4644,
0.4184

84.7960, 0.2865,
0.3156

■ 31.2464, 0.4892,
0.4230

■ 90.8058, 0.2870,
0.3258

■ 28.5343, 0.5114,
0.4224

■ 92.7400, 0.2872,
0.3289

■ 26.1305, 0.5300,
0.4168

■ 25.9854, 0.5312,
0.4164

Harmonies

Analogous

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



55.0773, 0.3490, 0.3428



55.0773, 0.3457, 0.3554



55.0773, 0.3334, 0.3613

Triad

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



55.0773, 0.3457, 0.3554



55.0773, 0.2840, 0.3298



55.0773, 0.3088, 0.3019

Complementary

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



55.0773, 0.3457, 0.3554



50.2329, 0.2822, 0.3011

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.



55.0773, 0.2918, 0.2981



55.0773, 0.3457, 0.3554



55.0773, 0.2778, 0.3136

Square

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



55.0773, 0.3457, 0.3554



55.0773, 0.2978, 0.3465



55.0773, 0.2806, 0.3021



55.0773, 0.3273, 0.3124

Rectangle

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



55.0773, 0.3457, 0.3554



55.0773, 0.3220, 0.3603



55.0773, 0.2806, 0.3021



55.0773, 0.3027, 0.2998

Sweetspot

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



55.0798, 0.3457, 0.3554



94.6134, 0.3222, 0.3370



46.8391, 0.3335, 0.3061



20.1288, 0.3233, 0.3379



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.



55.0798, 0.3457, 0.3554



80.6519, 0.3533, 0.3610



63.8337, 0.3406, 0.3771



13.5135, 0.3278, 0.3415



16.2414, 0.5292, 0.4180



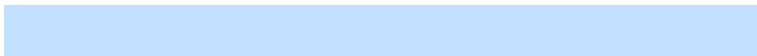
1.1445, 0.5051, 0.4371

Inverse Universe

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



50.2329, 0.2822, 0.3011



72.0592, 0.2759, 0.2948



42.6796, 0.2818, 0.2763



12.9476, 0.2982, 0.3162



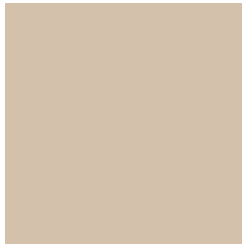
8.5500, 0.1741, 0.1467



0.6804, 0.1832, 0.1796

Previews

White Background



This preview shows how the Yxy color 55.0773, 0.3457, 0.3554 looks on a white background.

Color Contrast Check

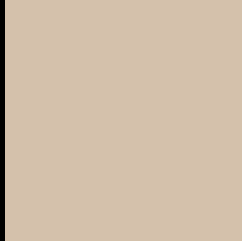
Large Text (above 18pt) WCAG AA × Fail

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 55.0773, 0.3457, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

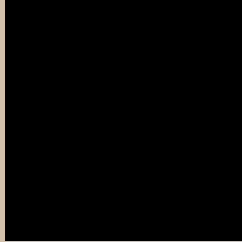
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

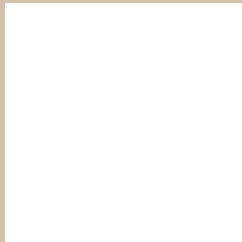
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0773, 0.3457, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 55.0773, 0.3457, 0.3554.



This preview shows how white text looks on a background with the Yxy color 55.0773, 0.3457, 0.3554.

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

55.0773, 0.3457, 0.3554

Protanopia

54.9879, 0.3385, 0.3570

Deuteranopia

55.2210, 0.3561, 0.3488



Tritanopia

54.8772, 0.3242, 0.3117

Trichromacy



Original Color

55.0773, 0.3457, 0.3554

Protanomaly

54.9720, 0.3412, 0.3556

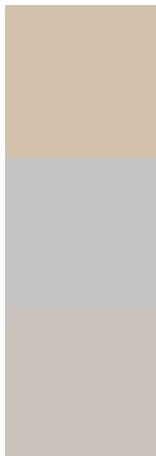
Deuteranomaly

55.0211, 0.3524, 0.3502

Tritanomaly

55.0356, 0.3327, 0.3279

Monochromacy



Original Color

55.0773, 0.3457, 0.3554

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1746, 0.3244, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0773, 0.3457, 0.3554 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.0773, 0.3457, 0.3554 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, 171) }
```

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

```
.border{ border-color:rgb(212, 193, 171) }
```

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, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0773, 0.3457, 0.3554 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, 171) }
```

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

```
.background{ background-color: rgb(212,  
193, 171) }
```

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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