

Converting Colors

$Y_{xy}(55.3305, 0.3286, 0.3428)$

Have a look what the booklet for
Yxy(55.3305, 0.3286, 0.3428)
contains.

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Color

Yxy(55.3283, 0.3283, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	CCC3B8
RGB	204, 195, 184
RGB Percent	80%, 76%, 72%
CMY	0.2001, 0.2353, 0.2783
CMYK	0.00, 0.04, 0.10, 0.20
HSL	33°, 16%, 76%
HSV	33°, 10%, 80%
XYZ	53.0654, 55.3283, 53.2432
YIQ	196.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

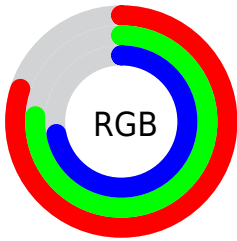
Format	Color
R _Y B	200, 204, 184
Decimal	13419448
CIE Lab	79.23, 1.24, 6.62
CIE LCh	79, 6.738, 79.407
Yxy	55.3283, 0.3283, 0.3423
Android (android.graphics.Color)	4291609528 (0xFFCCC3B8)
YUV	196.4370, -6.1314, 6.6328
Hunter-Lab	74.3830, -2.8270, 9.6284

Details

The Yxy color $55.3283, 0.3283, 0.3423$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.6871, 0.2977, 0.3153$, and the grayscale version is $55.5118, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1721, 0.3217, 0.3406$, and $27.1725, 0.3329, 0.3452$ is the 20% darker color. If you saturate the color by 10%, you get $50.5536, 0.3463, 0.3566$, and if you desaturate by 10%, it is $60.4833, 0.3124, 0.3287$.

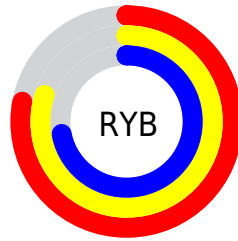
Distribution



Red (80%)

Green (76%)

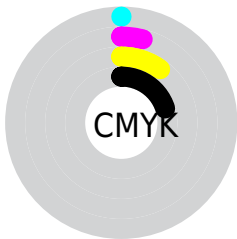
Blue (72%)



Red (78%)

Yellow (80%)

Blue (72%)

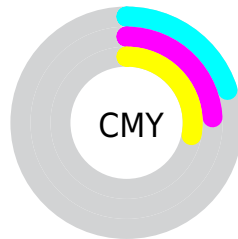


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3283, 0.3283, 0.3423 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 55.3283, 0.3283, 0.3423 by changing the saturation by 10% instead.

 55.3283, 0.3283,
0.3423

 55.3283, 0.3283,
0.3423


407.1552, 0.3207,
0.3359

 39.6646, 0.3301,
0.3438


 98.0218, 0.3256,
0.3400

 27.2772, 0.3325,
0.3458


125.8204, 0.3246,
0.3391

 17.7815, 0.3355,
0.3484


158.4328, 0.3237,
0.3384

 10.7932, 0.3396,
0.3518

196.2434, 0.3229,
0.3377

 5.9280, 0.3456,
0.3568

239.6365, 0.3223,
0.3372

 2.8013, 0.3549,
0.3644

288.9966, 0.3217,

 1.0289, 0.3761,

0.3367

0.3825

344.7080, 0.3212,
0.3363

■ 0.0000, 0.0000,
0.0000

■ 55.3283, 0.3283,
0.3423

■ 55.3283, 0.3283,
0.3423

■ 50.5536, 0.3463,
0.3566

■ 60.4833, 0.3124,
0.3287

■ 46.1423, 0.3664,
0.3713

■ 66.0206, 0.2984,
0.3160

■ 42.0865, 0.3886,
0.3860

■ 71.9516, 0.2861,
0.3042

■ 38.3753, 0.4126,
0.3998

■ 77.5822, 0.2811,
0.3041

■ 34.9972, 0.4377,
0.4118

■ 82.8677, 0.2817,
0.3140

■ 31.9398, 0.4630,
0.4208

■ 88.4261, 0.2824,
0.3237

■ 29.1894, 0.4870,
0.4256

■ 91.5738, 0.2827,
0.3289

■ 26.7305, 0.5083,
0.4252

■ 24.5393, 0.5264,
0.4201

Harmonies

Analogous

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



55.3283, 0.3302, 0.3365



55.3283, 0.3283, 0.3423



55.3283, 0.3222, 0.3446

Triad

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



55.3283, 0.3283, 0.3423



55.3283, 0.2983, 0.3288



55.3283, 0.3117, 0.3160

Complementary

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



55.3283, 0.3283, 0.3423



52.6871, 0.2977, 0.3153

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.



55.3283, 0.3032, 0.3138



55.3283, 0.3283, 0.3423



55.3283, 0.2955, 0.3211

Square

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



55.3283, 0.3283, 0.3423



55.3283, 0.3048, 0.3367



55.3283, 0.2973, 0.3157



55.3283, 0.3206, 0.3215

Rectangle

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



55.3283, 0.3283, 0.3423



55.3283, 0.3166, 0.3437



55.3283, 0.2973, 0.3157



55.3283, 0.3087, 0.3148

Sweetspot

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



55.3307, 0.3283, 0.3423



97.3435, 0.3174, 0.3331



50.9757, 0.3225, 0.3182



20.6857, 0.3186, 0.3341



0.0000, 0.0000, 0.0000



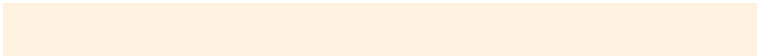
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3307, 0.3283, 0.3423



89.7226, 0.3324, 0.3456



59.3288, 0.3263, 0.3529



12.2206, 0.3276, 0.3418



15.6092, 0.5248, 0.4215



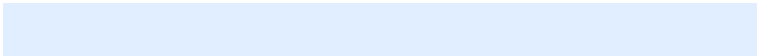
0.9555, 0.4988, 0.4422

Inverse Universe

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



52.6871, 0.2977, 0.3153



84.3674, 0.2939, 0.3118



48.9671, 0.2984, 0.3040



11.6602, 0.2983, 0.3159



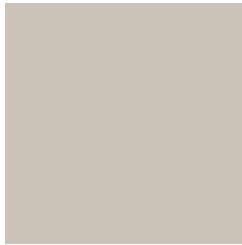
7.7053, 0.1730, 0.1427



0.5483, 0.1835, 0.1805

Previews

White Background



This preview shows how the Yxy color 55.3283, 0.3283, 0.3423 looks on a white background.

Color Contrast Check

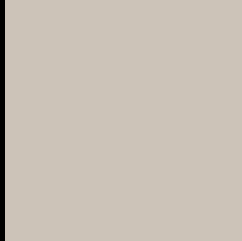
Large Text (above 18pt) WCAG AA × Fail

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 55.3283, 0.3283, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

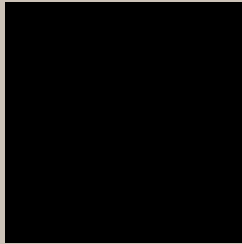
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

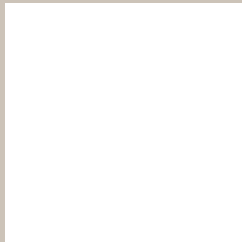
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3283, 0.3283, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 55.3283, 0.3283, 0.3423.



This preview shows how white text looks on a background with the Yxy color 55.3283, 0.3283, 0.3423.

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

55.3283, 0.3283, 0.3423

Protanopia

55.1874, 0.3275, 0.3424

Deuteranopia

55.3898, 0.3409, 0.3349



Tritanopia

55.4697, 0.3135, 0.3114

Trichromacy



Original Color

55.3283, 0.3283, 0.3423

Protanomaly

55.1874, 0.3275, 0.3424

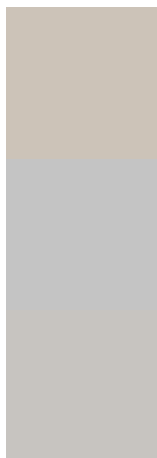
Deuteranomaly

55.4982, 0.3363, 0.3373

Tritanomaly

55.3853, 0.3187, 0.3219

Monochromacy



Original Color

55.3283, 0.3283, 0.3423

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4277, 0.3181, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3283, 0.3283, 0.3423 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(204, 195, 184)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 184)  
}
```

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(204, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 184) }
```

Border

The CSS property to change the border of an element to Yxy 55.3283, 0.3283, 0.3423 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(204, 195, 184) }
```

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

```
.border{ border-color:rgb(204, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3283, 0.3283, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 184) }
```

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

```
.background{ background-color: rgb(204,  
195, 184) }
```

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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