

Converting Colors

Yxy(55.2663, 0.3377, 0.3708)

Have a look what the booklet for
Yxy(55.2663, 0.3377, 0.3708)
contains.

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Color

Yxy(55.1105, 0.3375, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6A5
RGB	198, 198, 165
RGB Percent	78%, 78%, 65%
CMY	0.2234, 0.2236, 0.3529
CMYK	0.00, 0.00, 0.17, 0.22
HSL	60°, 22%, 71%
HSV	60°, 17%, 78%
XYZ	50.2833, 55.1105, 43.5938
YIQ	194.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

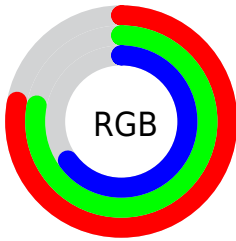
Format	Color
RYB	165, 198, 165
Decimal	13026981
CIELab	79.10, -5.55, 16.57
CIELCh	79, 17.471, 108.511
Yxy	55.1105, 0.3375, 0.3699
Android (android.graphics.Color)	4291217061 (0xFFC6C6A5)
YUV	194.2380, -14.4143, 3.2993
Hunter-Lab	74.2364, -9.0086, 17.1487

Details

The Yxy color **55.1105, 0.3375, 0.3699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0157, 0.2858, 0.2845**, and the grayscale version is **54.1843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **27.0681, 0.3440, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **54.4335, 0.3526, 0.3948**, and if you desaturate by 10%, it is **55.9040, 0.3225, 0.3451**.

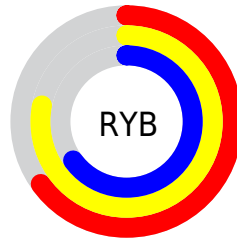
Distribution



Red (78%)

Green (78%)

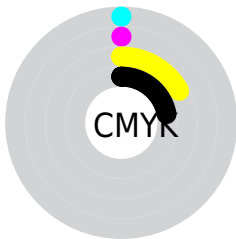
Blue (65%)



Red (65%)

Yellow (78%)

Blue (65%)

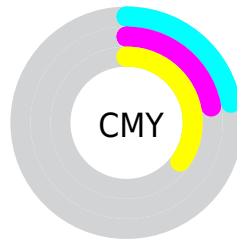


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1105, 0.3375, 0.3699 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 55.1105, 0.3375, 0.3699 by changing the saturation by 10% instead.


 55.1105, 0.3375,
0.3699

 55.1105, 0.3375,
0.3699

406.3307, 0.3256,
0.3498

 39.4902, 0.3403,
0.3748

 97.7028, 0.3333,
0.3627

 27.1413, 0.3438,
0.3810


 125.4437, 0.3317,
0.3600

 17.6794, 0.3484,
0.3892


157.9934, 0.3303,
0.3576

 10.7200, 0.3544,
0.4003

195.7366, 0.3291,
0.3556

 5.8789, 0.3628,
0.4163

239.0575, 0.3281,
0.3539

 2.7716, 0.3748,
0.4411

288.3405, 0.3271,

 1.0137, 0.4480,

0.3524

0.5520

343.9701, 0.3263,
0.3510

0.0000, 0.0000,
0.0000

55.1105, 0.3375,
0.3699

55.1105, 0.3375,
0.3699

54.4335, 0.3526,
0.3948

55.9040, 0.3225,
0.3451

53.8607, 0.3673,
0.4191

56.8115, 0.3080,
0.3211

53.3889, 0.3811,
0.4418

57.8401, 0.2942,
0.2984

53.0121, 0.3933,
0.4619

58.9938, 0.2813,
0.2771

52.7237, 0.4035,
0.4786

59.6809, 0.2747,
0.2663

■ 52.5161, 0.4112,
0.4913

■ 59.6939, 0.2747,
0.2663

■ 52.3806, 0.4163,
0.4997

■ 59.7070, 0.2747,
0.2663

■ 52.3056, 0.4189,
0.5040

■ 59.7201, 0.2747,
0.2664

■ 52.2869, 0.4196,
0.5051

■ 59.7331, 0.2747,
0.2664

Harmonies

Analogous

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



55.1105, 0.3536, 0.3627



55.1105, 0.3375, 0.3699



55.1105, 0.3151, 0.3654

Triad

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



55.1105, 0.3375, 0.3699



55.1105, 0.2689, 0.3083



55.1105, 0.3323, 0.3092

Complementary

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



55.1105, 0.3375, 0.3699



39.0157, 0.2858, 0.2845

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.



55.1105, 0.3090, 0.2958



55.1105, 0.3375, 0.3699



55.1105, 0.2730, 0.2947

Square

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



55.1105, 0.3375, 0.3699



55.1105, 0.2760, 0.3286



55.1105, 0.2874, 0.2905



55.1105, 0.3507, 0.3276

Rectangle

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



55.1105, 0.3375, 0.3699



55.1105, 0.2998, 0.3561



55.1105, 0.2874, 0.2905



55.1105, 0.3247, 0.3040

Sweetspot

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



55.1129, 0.3375, 0.3699



99.1941, 0.3201, 0.3412



41.6665, 0.3436, 0.3284



21.2083, 0.3212, 0.3430



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.



55.1129, 0.3375, 0.3699



97.0927, 0.3430, 0.3790



53.0785, 0.3243, 0.3717



12.4143, 0.3265, 0.3518



33.9895, 0.4196, 0.5051



1.6103, 0.4195, 0.5051

Inverse Universe

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



39.0157, 0.2858, 0.2845



63.2781, 0.2792, 0.2736



40.8182, 0.2995, 0.2862



10.2899, 0.2983, 0.3051



2.6566, 0.1500, 0.0601



0.1267, 0.1502, 0.0605

Previews

White Background



This preview shows how the Yxy color 55.1105, 0.3375, 0.3699 looks on a white background.

Color Contrast Check

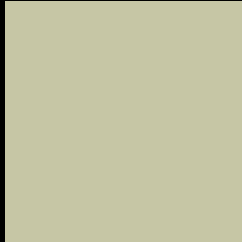
Large Text (above 18pt) WCAG AA × Fail

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 55.1105, 0.3375, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

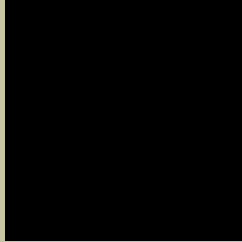
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

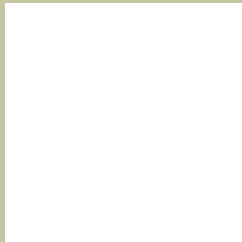
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1105, 0.3375, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 55.1105, 0.3375, 0.3699.



This preview shows how white text looks on a background with the Yxy color 55.1105, 0.3375, 0.3699.

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

55.1105, 0.3375, 0.3699

Protanopia

54.9759, 0.3465, 0.3667

Deuteranopia

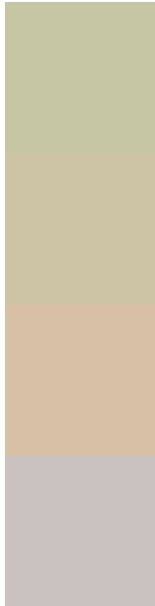
54.7640, 0.3615, 0.3534



Tritanopia

55.0416, 0.3111, 0.3113

Trichromacy



Original Color

55.1105, 0.3375, 0.3699

Protanomaly

54.9976, 0.3437, 0.3682

Deuteranomaly

54.8995, 0.3525, 0.3600

Tritanomaly

54.9459, 0.3207, 0.3314

Monochromacy



Original Color

55.1105, 0.3375, 0.3699

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0512, 0.3217, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1105, 0.3375, 0.3699 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(198, 198, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 165)  
}
```

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(198, 198, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 165) }
```

Border

The CSS property to change the border of an element to Yxy 55.1105, 0.3375, 0.3699 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(198, 198, 165) }
```

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

```
.border{ border-color:rgb(198, 198, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 198, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 198, 165); box-shadow:4px 4px 4px 4px rgb(198, 198, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1105, 0.3375, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 165) }
```

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

```
.background{ background-color: rgb(198,  
198, 165) }
```

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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