

Converting Colors

$Yxy(55.6530, 0.3358, 0.3662)$

Have a look what the booklet for
Yxy(55.6530, 0.3358, 0.3662)
contains.

Yxy(55.8161, 0.3358, 0.3672)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.8161, 0.3358, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7A8
RGB	199, 199, 168
RGB Percent	78%, 78%, 66%
CMY	0.2197, 0.2196, 0.3410
CMYK	0.00, 0.00, 0.16, 0.22
HSL	60°, 22%, 72%
HSV	60°, 16%, 78%
XYZ	51.0432, 55.8161, 45.1454
YIQ	195.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

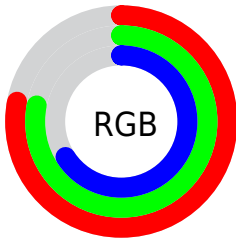
Format	Color
R_{YB}	168, 199, 168
Decimal	13092776
CIE _{Lab}	79.51, -5.26, 15.54
CIE _{LCh}	80, 16.402, 108.712
Yxy	55.8161, 0.3358, 0.3672
Android (android.graphics.Color)	4291282856 (0xFFC7C7A8)
YUV	195.4660, -13.5407, 3.0993
Hunter-Lab	74.7102, -8.7888, 16.4697

Details

The Yxy color **55.8161, 0.3358, 0.3672** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4737, 0.2878, 0.2877**, and the grayscale version is **54.9447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **27.5315, 0.3418, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **55.1301, 0.3509, 0.3922**, and if you desaturate by 10%, it is **56.6205, 0.3208, 0.3424**.

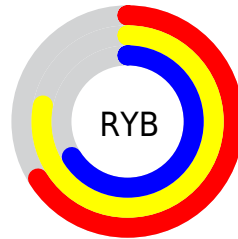
Distribution



Red (78%)

Green (78%)

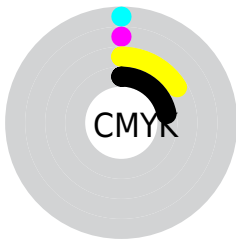
Blue (66%)



Red (66%)

Yellow (78%)

Blue (66%)

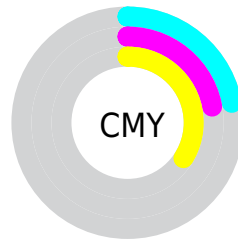


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8161, 0.3358, 0.3672 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 55.8161, 0.3358, 0.3672 by changing the saturation by 10% instead.


 55.8161, 0.3358,
0.3672

 55.8161, 0.3358,
0.3672


408.9981, 0.3247,
0.3485

 40.0555, 0.3384,
0.3718


 98.7356, 0.3319,
0.3605

 27.5818, 0.3417,
0.3775


 126.6634, 0.3304,
0.3579

 18.0107, 0.3459,
0.3851


159.4156, 0.3291,
0.3558

 10.9576, 0.3516,
0.3954

197.3767, 0.3280,
0.3539

 6.0384, 0.3594,
0.4102

240.9312, 0.3270,
0.3523

 2.8684, 0.3707,
0.4332

290.4633, 0.3262,

 1.0634, 0.4371,

0.3509

0.5328

346.3574, 0.3254,
0.3496

0.0000, 0.0000,
0.0000

55.8161, 0.3358,
0.3672

55.8161, 0.3358,
0.3672

55.1301, 0.3509,
0.3922

56.6205, 0.3208,
0.3424

54.5501, 0.3656,
0.4166

57.5408, 0.3064,
0.3185

54.0729, 0.3795,
0.4396

58.5840, 0.2927,
0.2959

53.6925, 0.3919,
0.4601

59.7544, 0.2799,
0.2748

53.4022, 0.4022,
0.4772

60.2219, 0.2755,
0.2674

■ 53.1947, 0.4102,
0.4904

■ 60.2242, 0.2755,
0.2674

■ 53.0610, 0.4155,
0.4993

■ 60.2266, 0.2755,
0.2674

■ 52.9907, 0.4184,
0.5040

■ 60.2289, 0.2755,
0.2674

■ 52.9703, 0.4192,
0.5054

■ 60.2313, 0.2755,
0.2674

Harmonies

Analogous

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



55.8161, 0.3509, 0.3606



55.8161, 0.3358, 0.3672



55.8161, 0.3149, 0.3629

Triad

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



55.8161, 0.3358, 0.3672



55.8161, 0.2717, 0.3096



55.8161, 0.3311, 0.3106

Complementary

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



55.8161, 0.3358, 0.3672



40.4737, 0.2878, 0.2877

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.



55.8161, 0.3094, 0.2979



55.8161, 0.3358, 0.3672



55.8161, 0.2756, 0.2969

Square

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



55.8161, 0.3358, 0.3672



55.8161, 0.2783, 0.3286



55.8161, 0.2892, 0.2929



55.8161, 0.3483, 0.3279

Rectangle

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



55.8161, 0.3358, 0.3672



55.8161, 0.3005, 0.3542



55.8161, 0.2892, 0.2929



55.8161, 0.3241, 0.3057

Sweetspot

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



55.8186, 0.3358, 0.3672



99.2038, 0.3201, 0.3412



42.9898, 0.3417, 0.3291



21.2107, 0.3212, 0.3430



0.0000, 0.0000, 0.0000



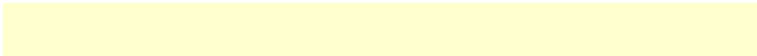
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8186, 0.3358, 0.3672



97.2551, 0.3414, 0.3765



53.8104, 0.3231, 0.3688



12.4166, 0.3265, 0.3518



34.0582, 0.4192, 0.5054



1.6128, 0.4192, 0.5053

Inverse Universe

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



40.4737, 0.2878, 0.2877



64.8346, 0.2811, 0.2766



42.2734, 0.3009, 0.2893



10.2879, 0.2983, 0.3051



2.6524, 0.1500, 0.0600



0.1257, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 55.8161, 0.3358, 0.3672 looks on a white background.

Color Contrast Check

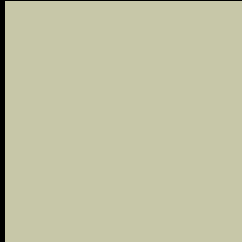
Large Text (above 18pt) WCAG AA × Fail

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 55.8161, 0.3358, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

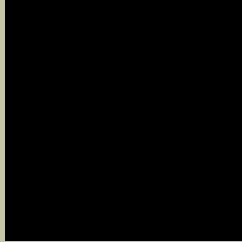
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

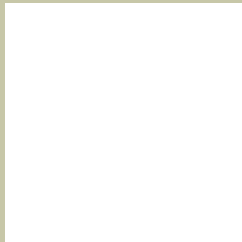
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8161, 0.3358, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 55.8161, 0.3358, 0.3672.



This preview shows how white text looks on a background with the Yxy color 55.8161, 0.3358, 0.3672.

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

55.8161, 0.3358, 0.3672

Protanopia

55.5353, 0.3439, 0.3642

Deuteranopia

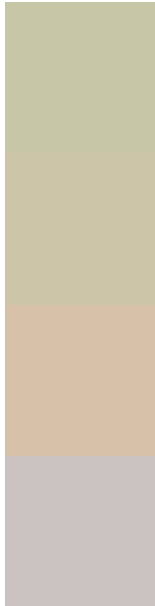
55.8979, 0.3593, 0.3521



Tritanopia

55.7225, 0.3104, 0.3102

Trichromacy



Original Color

55.8161, 0.3358, 0.3672

Protanomaly

55.5599, 0.3412, 0.3656

Deuteranomaly

55.6034, 0.3507, 0.3575

Tritanomaly

55.6218, 0.3199, 0.3302

Monochromacy



Original Color

55.8161, 0.3358, 0.3672

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7184, 0.3209, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8161, 0.3358, 0.3672 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(199, 199, 168)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 168)  
}
```

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(199, 199, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 168) }
```

Border

The CSS property to change the border of an element to Yxy 55.8161, 0.3358, 0.3672 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(199, 199, 168) }
```

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

```
.border{ border-color:rgb(199, 199, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 168);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8161, 0.3358, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 168) }
```

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

```
.background{ background-color: rgb(199,  
199, 168) }
```

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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