

Converting Colors

$Yxy(55.8693, 0.3284, 0.3545)$

Have a look what the booklet for
Yxy(55.8693, 0.3284, 0.3545)
contains.

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Color

Yxy(55.7446, 0.3284, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	C7C6B2
RGB	199, 198, 178
RGB Percent	78%, 78%, 70%
CMY	0.2196, 0.2235, 0.3019
CMYK	0.00, 0.01, 0.11, 0.22
HSL	57°, 16%, 74%
HSV	57°, 11%, 78%
XYZ	51.7865, 55.7446, 50.1623
YIQ	196.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

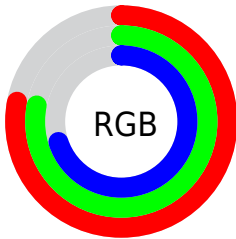
Format	Color
RYB	179, 199, 178
Decimal	13092530
CIELab	79.47, -3.12, 10.13
CIELCh	79, 10.604, 107.127
Yxy	55.7446, 0.3284, 0.3535
Android (android.graphics.Color)	4291282610 (0xFFC7C6B2)
YUV	196.0190, -8.8834, 2.6143
Hunter-Lab	74.6623, -6.8497, 12.4293

Details

The Yxy color $55.7446, 0.3284, 0.3535$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.8452, 0.2964, 0.3033$, and the grayscale version is $55.2678, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7205, 0.3250, 0.3493$, and $27.4469, 0.3329, 0.3604$ is the 20% darker color. If you saturate the color by 10%, you get $54.5690, 0.3438, 0.3774$, and if you desaturate by 10%, it is $57.0438, 0.3135, 0.3302$.

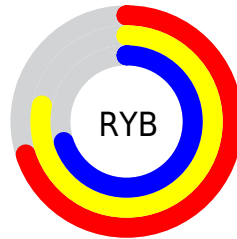
Distribution



Red (78%)

Green (78%)

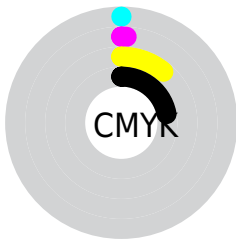
Blue (70%)



Red (70%)

Yellow (78%)

Blue (70%)

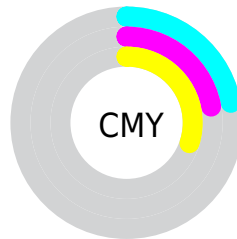


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7446, 0.3284, 0.3535 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 55.7446, 0.3284, 0.3535 by changing the saturation by 10% instead.

■ 55.7446, 0.3284,
0.3535

■ 55.7446, 0.3284,
0.3535

408.7283, 0.3208,
0.3415

■ 39.9982, 0.3302,
0.3564

■ 98.6311, 0.3257,
0.3492

■ 27.5371, 0.3325,
0.3601

126.5399, 0.3247,
0.3476

■ 17.9770, 0.3355,
0.3649

159.2717, 0.3238,
0.3462

■ 10.9335, 0.3394,
0.3715

197.2108, 0.3230,
0.3450

■ 6.0221, 0.3451,
0.3810

240.7416, 0.3224,
0.3440

■ 2.8585, 0.3537,
0.3959

290.2485, 0.3218,

■ 1.0583, 0.3822,

0.3431

0.4385

346.1159, 0.3213,
0.3423

0.0000, 0.0000,
0.0000

55.7446, 0.3284,
0.3535

55.7446, 0.3284,
0.3535

54.5690, 0.3438,
0.3774

57.0438, 0.3135,
0.3302

53.5048, 0.3593,
0.4012

58.4640, 0.2994,
0.3081

52.5489, 0.3745,
0.4242

60.0120, 0.2862,
0.2872

51.6958, 0.3887,
0.4454

61.5216, 0.2757,
0.2706

50.9389, 0.4013,
0.4638

61.9709, 0.2758,
0.2716

■ 50.2713, 0.4117,
0.4787

■ 62.4231, 0.2758,
0.2727

■ 49.6850, 0.4197,
0.4893

■ 62.8781, 0.2759,
0.2738

■ 49.1704, 0.4250,
0.4956

■ 63.3359, 0.2760,
0.2749

■ 48.7327, 0.4280,
0.4984

■ 63.7964, 0.2761,
0.2760

Harmonies

Analogous

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



55.7446, 0.3377, 0.3493



55.7446, 0.3284, 0.3535



55.7446, 0.3150, 0.3509

Triad

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



55.7446, 0.3284, 0.3535



55.7446, 0.2860, 0.3173



55.7446, 0.3240, 0.3164

Complementary

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



55.7446, 0.3284, 0.3535



45.8452, 0.2964, 0.3033

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.



55.7446, 0.3099, 0.3083



55.7446, 0.3284, 0.3535



55.7446, 0.2882, 0.3085

Square

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



55.7446, 0.3284, 0.3535



55.7446, 0.2907, 0.3296



55.7446, 0.2969, 0.3054



55.7446, 0.3352, 0.3278

Rectangle

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



55.7446, 0.3284, 0.3535



55.7446, 0.3056, 0.3456



55.7446, 0.2969, 0.3054



55.7446, 0.3194, 0.3132

Sweetspot

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



55.7470, 0.3284, 0.3535



99.2828, 0.3172, 0.3360



47.2517, 0.3303, 0.3277



21.2103, 0.3184, 0.3378



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.



55.7470, 0.3284, 0.3535



97.0343, 0.3324, 0.3598



54.9574, 0.3206, 0.3553



12.3263, 0.3266, 0.3508



31.3711, 0.4279, 0.4985



1.5129, 0.4259, 0.5000

Inverse Universe

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



45.8452, 0.2964, 0.3033



75.7378, 0.2919, 0.2962



46.5986, 0.3042, 0.3026



10.3678, 0.2983, 0.3063



2.8217, 0.1510, 0.0634



0.1628, 0.1543, 0.0756

Previews

White Background



This preview shows how the Yxy color 55.7446, 0.3284, 0.3535 looks on a white background.

Color Contrast Check

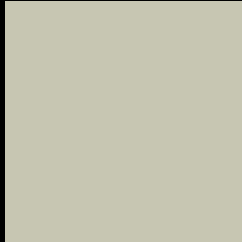
Large Text (above 18pt) WCAG AA × Fail

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 55.7446, 0.3284, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

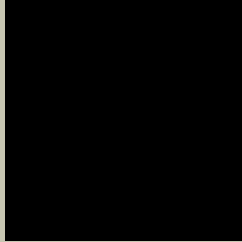
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

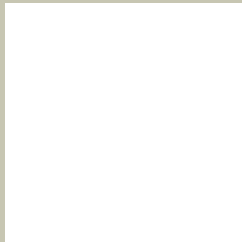
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7446, 0.3284, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 55.7446, 0.3284, 0.3535.



This preview shows how white text looks on a background with the Yxy color 55.7446, 0.3284, 0.3535.

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

55.7446, 0.3284, 0.3535

Protanopia

55.6333, 0.3344, 0.3520

Deuteranopia

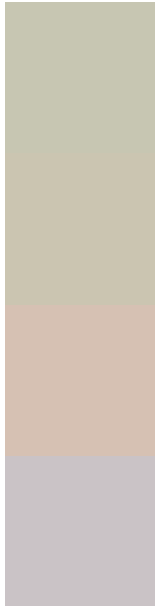
55.6518, 0.3476, 0.3407



Tritanopia

55.8835, 0.3088, 0.3113

Trichromacy



Original Color

55.7446, 0.3284, 0.3535

Protanomaly

55.8033, 0.3326, 0.3533

Deuteranomaly

55.6907, 0.3410, 0.3456

Tritanomaly

55.6640, 0.3161, 0.3254

Monochromacy



Original Color

55.7446, 0.3284, 0.3535

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4769, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7446, 0.3284, 0.3535 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, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 178)  
}
```

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, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 178) }
```

Border

The CSS property to change the border of an element to Yxy 55.7446, 0.3284, 0.3535 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, 198, 178) }
```

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

```
.border{ border-color:rgb(199, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7446, 0.3284, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 178) }
```

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

```
.background{ background-color: rgb(199,  
198, 178) }
```

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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