

Converting Colors

$Yxy(55.7564, 0.3286, 0.3638)$

Have a look what the booklet for
Yxy(55.7564, 0.3286, 0.3638)
contains.

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Color

Yxy(55.7564, 0.3286, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	C2C8AC
RGB	194, 200, 172
RGB Percent	76%, 78%, 67%
CMY	0.2390, 0.2157, 0.3254
CMYK	0.03, 0.00, 0.14, 0.22
HSL	73°, 20%, 73%
HSV	73°, 14%, 78%
XYZ	50.3616, 55.7564, 47.1431
YIQ	195.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

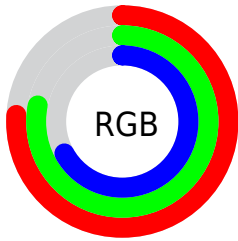
Format	Color
RYB	172, 200, 178
Decimal	12765356
CIELab	79.47, -6.93, 13.31
CIELCh	79, 15.006, 117.514
Yxy	55.7564, 0.3286, 0.3638
Android (android.graphics.Color)	4290955436 (0xFFC2C8AC)
YUV	195.0140, -11.3459, -0.8893
Hunter-Lab	74.6702, -10.2829, 14.8363

Details

The Yxy color **55.7564, 0.3286, 0.3638** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1367, 0.2954, 0.2928**, and the grayscale version is **54.6553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5753, 0.3266, 0.3564**, and **27.4893, 0.3320, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **54.4947, 0.3400, 0.3900**, and if you desaturate by 10%, it is **57.1546, 0.3172, 0.3386**.

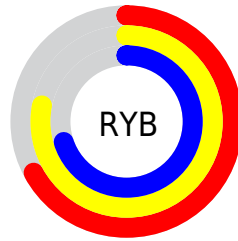
Distribution



Red (76%)

Green (78%)

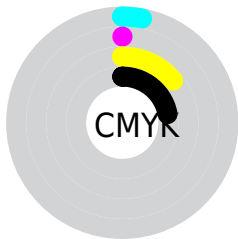
Blue (67%)



Red (67%)

Yellow (78%)

Blue (70%)

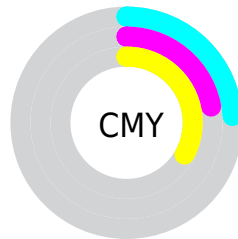


Cyan (3%)

Magenta (0%)

Yellow (14%)

Black (22%)



Cyan (24%)


Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7564, 0.3286, 0.3638 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 55.7564, 0.3286, 0.3638 by changing the saturation by 10% instead.

 55.7564, 0.3286,
0.3638

 55.7564, 0.3286,
0.3638


408.7728, 0.3210,
0.3467

 40.0076, 0.3304,
0.3680


 98.6483, 0.3259,
0.3576

 27.5445, 0.3326,
0.3733


126.5603, 0.3249,
0.3553

 17.9826, 0.3355,
0.3803


159.2954, 0.3240,
0.3533

 10.9375, 0.3393,
0.3899

197.2382, 0.3233,
0.3516

 6.0248, 0.3445,
0.4038

240.7729, 0.3226,
0.3502

 2.8602, 0.3521,
0.4258

290.2839, 0.3220,

 1.0592, 0.3944,

0.3489

0.5047

346.1558, 0.3215,
0.3477

0.0000, 0.0000,
0.0000

55.7564, 0.3286,
0.3638

55.7564, 0.3286,
0.3638

54.4947, 0.3400,
0.3900

57.1546, 0.3172,
0.3386

53.3569, 0.3511,
0.4166

58.6869, 0.3061,
0.3149

52.3398, 0.3613,
0.4426

60.3604, 0.2955,
0.2930


51.4372, 0.3701,
0.4672


62.1796, 0.2855,
0.2728


50.6423, 0.3770,
0.4892


63.0045, 0.2866,
0.2704

 49.9476, 0.3816,
0.5075


 63.6548, 0.2896,
0.2709


 49.3443, 0.3837,
0.5214

 64.3217, 0.2926,
0.2714

 48.8220, 0.3832,
0.5307

 65.0055, 0.2956,
0.2719

 48.5352, 0.3821,
0.5348

 65.7063, 0.2986,
0.2724

Harmonies

Analogous

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



55.7564, 0.3444, 0.3607



55.7564, 0.3286, 0.3638



55.7564, 0.3089, 0.3569

Triad

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



55.7564, 0.3286, 0.3638



55.7564, 0.2751, 0.3072



55.7564, 0.3349, 0.3165

Complementary

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



55.7564, 0.3286, 0.3638



43.1367, 0.2954, 0.2928

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.



55.7564, 0.3157, 0.3032



55.7564, 0.3286, 0.3638



55.7564, 0.2815, 0.2976

Square

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



55.7564, 0.3286, 0.3638



55.7564, 0.2784, 0.3233



55.7564, 0.2962, 0.2964



55.7564, 0.3483, 0.3330

Rectangle

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



55.7564, 0.3286, 0.3638



55.7564, 0.2962, 0.3474



55.7564, 0.2962, 0.2964



55.7564, 0.3288, 0.3115

Sweetspot

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



55.7588, 0.3286, 0.3638



98.9531, 0.3173, 0.3388



46.9413, 0.3373, 0.3361



21.1388, 0.3181, 0.3407



0.0000, 0.0000, 0.0000



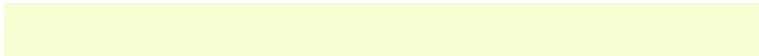
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7588, 0.3286, 0.3638



95.8165, 0.3323, 0.3722



54.0330, 0.3176, 0.3650



12.2993, 0.3233, 0.3520



30.9051, 0.3827, 0.5344



1.4925, 0.3907, 0.5280

Inverse Universe

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



43.1367, 0.2954, 0.2928



69.4773, 0.2909, 0.2836



44.8330, 0.3070, 0.2940



10.3939, 0.3015, 0.3053



3.0011, 0.1615, 0.0663



0.1743, 0.1824, 0.0778

Previews

White Background



This preview shows how the Yxy color 55.7564, 0.3286, 0.3638 looks on a white background.

Color Contrast Check

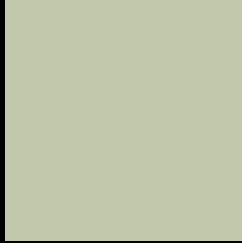
Large Text (above 18pt) WCAG AA × Fail

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 55.7564, 0.3286, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

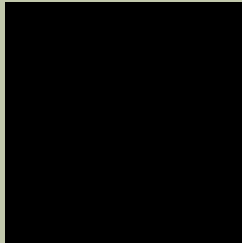
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

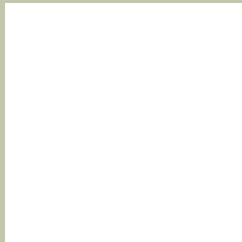
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7564, 0.3286, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 55.7564, 0.3286, 0.3638.



This preview shows how white text looks on a background with the Yxy color 55.7564, 0.3286, 0.3638.

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

55.7564, 0.3286, 0.3638

Protanopia

55.5039, 0.3407, 0.3606

Deuteranopia

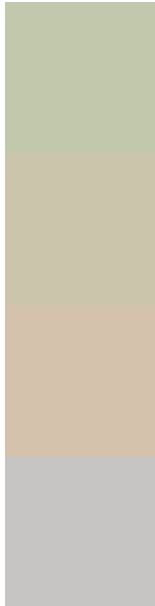
55.7302, 0.3542, 0.3476



Tritanopia

55.9627, 0.3057, 0.3112

Trichromacy



Original Color

55.7564, 0.3286, 0.3638

Protanomaly

55.4293, 0.3364, 0.3609

Deuteranomaly

55.7468, 0.3447, 0.3540

Tritanomaly

55.9238, 0.3142, 0.3302

Monochromacy



Original Color

55.7564, 0.3286, 0.3638

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1225, 0.3185, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7564, 0.3286, 0.3638 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(194, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(194, 200, 172)  
}
```

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(194, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 200, 172) }
```

Border

The CSS property to change the border of an element to Yxy 55.7564, 0.3286, 0.3638 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(194, 200, 172) }
```

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

```
.border{ border-color:rgb(194, 200, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 200, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 200, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 200, 172);  
box-shadow:4px 4px 4px 4px rgb(194, 200,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7564, 0.3286, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 200, 172) }
```

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

```
.background{ background-color: rgb(194,  
200, 172) }
```

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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