

Converting Colors

$Yxy(55.2935, 0.3287, 0.3627)$

Have a look what the booklet for
Yxy(55.2935, 0.3287, 0.3627)
contains.

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Color

Yxy(55.2947, 0.3287, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	C2C7AC
RGB	194, 199, 172
RGB Percent	76%, 78%, 67%
CMY	0.2393, 0.2196, 0.3256
CMYK	0.03, 0.00, 0.14, 0.22
HSL	71°, 19%, 73%
HSV	71°, 14%, 78%
XYZ	50.1113, 55.2947, 47.0470
YIQ	194.4270, 5.6870, -9.4570

Conversions

Conversions Part 2

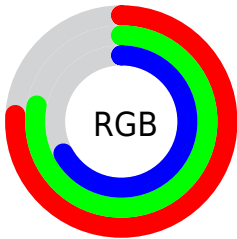
Format	Color
RYB	172, 199, 177
Decimal	12765100
CIELab	79.21, -6.46, 12.96
CIElCh	79, 14.479, 116.518
Yxy	55.2947, 0.3287, 0.3627
Android (android.graphics.Color)	4290955180 (0xFFC2C7AC)
YUV	194.4270, -11.0565, -0.3745
Hunter-Lab	74.3604, -9.8400, 14.5402

Details

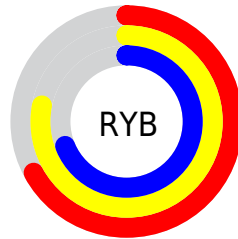
The Yxy color $55.2947, 0.3287, 0.3627$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.9670, 0.2954, 0.2939$, and the grayscale version is $54.2775, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5753, 0.3266, 0.3564$, and $27.1823, 0.3322, 0.3711$ is the 20% darker color. If you saturate the color by 10%, you get $54.1047, 0.3406, 0.3887$, and if you desaturate by 10%, it is $56.6163, 0.3169, 0.3377$.

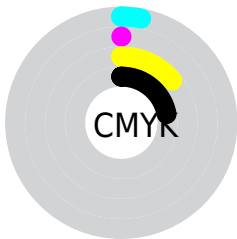
Distribution



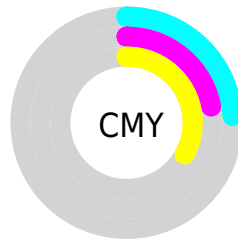
- Red (76%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2947, 0.3287, 0.3627 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 55.2947, 0.3287, 0.3627 by changing the saturation by 10% instead.


 55.2947, 0.3287,
0.3627

 55.2947, 0.3287,
0.3627

407.0281, 0.3210,
0.3461

 39.6377, 0.3305,
0.3668


 97.9726, 0.3260,
0.3567

 27.2562, 0.3328,
0.3719


125.7623, 0.3250,
0.3545

 17.7657, 0.3357,
0.3787


158.3651, 0.3241,
0.3526

 10.7819, 0.3396,
0.3880

196.1652, 0.3233,
0.3509

 5.9204, 0.3450,
0.4016

239.5472, 0.3226,
0.3495

 2.7967, 0.3528,
0.4230

288.8954, 0.3220,

 1.0266, 0.3973,

0.3482

0.5026

344.5942, 0.3215,
0.3471

0.0000, 0.0000,
0.0000

55.2947, 0.3287,
0.3627

55.2947, 0.3287,
0.3627

54.1047, 0.3406,
0.3887

56.6163, 0.3169,
0.3377

53.0338, 0.3521,
0.4150

58.0671, 0.3054,
0.3140

52.0790, 0.3628,
0.4408

59.6540, 0.2945,
0.2921

51.2342, 0.3721,
0.4650

61.3815, 0.2842,
0.2719

50.4928, 0.3796,
0.4866

62.1462, 0.2847,
0.2690

■ 49.8474, 0.3848,
0.5045

■ 62.7052, 0.2873,
0.2694

■ 49.2895, 0.3874,
0.5181

■ 63.2769, 0.2899,
0.2699

■ 48.8089, 0.3875,
0.5272

■ 63.8614, 0.2925,
0.2703

■ 48.5293, 0.3866,
0.5312

■ 64.4589, 0.2951,
0.2708

Harmonies

Analogous

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



55.2947, 0.3438, 0.3594



55.2947, 0.3287, 0.3627



55.2947, 0.3096, 0.3563

Triad

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



55.2947, 0.3287, 0.3627



55.2947, 0.2763, 0.3083



55.2947, 0.3336, 0.3164

Complementary

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



55.2947, 0.3287, 0.3627



42.9670, 0.2954, 0.2939

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.



55.2947, 0.3149, 0.3037



55.2947, 0.3287, 0.3627



55.2947, 0.2822, 0.2988

Square

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



55.2947, 0.3287, 0.3627



55.2947, 0.2797, 0.3241



55.2947, 0.2961, 0.2973



55.2947, 0.3468, 0.3324

Rectangle

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



55.2947, 0.3287, 0.3627



55.2947, 0.2973, 0.3473



55.2947, 0.2961, 0.2973



55.2947, 0.3277, 0.3116

Sweetspot

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



55.2971, 0.3287, 0.3627



99.0018, 0.3174, 0.3388



46.5383, 0.3366, 0.3353



21.1512, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



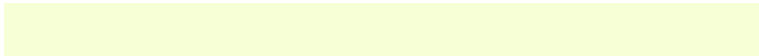
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2971, 0.3287, 0.3627



96.2325, 0.3318, 0.3695



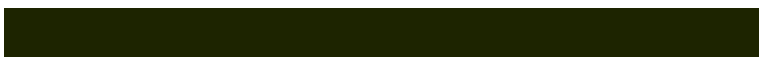
53.5985, 0.3178, 0.3638



12.3133, 0.3237, 0.3520



31.2362, 0.3871, 0.5309



1.5056, 0.3942, 0.5252

Inverse Universe

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



42.9670, 0.2954, 0.2939



70.9123, 0.2916, 0.2864



44.6241, 0.3068, 0.2951



10.3809, 0.3011, 0.3053



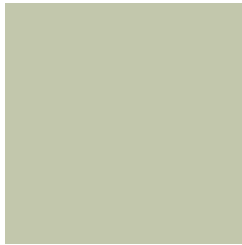
2.9335, 0.1593, 0.0651



0.1685, 0.1787, 0.0758

Previews

White Background



This preview shows how the Yxy color 55.2947, 0.3287, 0.3627 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 55.2947, 0.3287, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

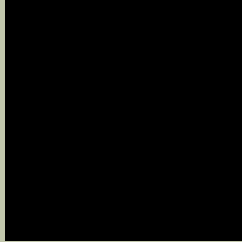
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

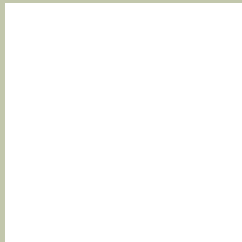
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2947, 0.3287, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 55.2947, 0.3287, 0.3627.



This preview shows how white text looks on a background with the Yxy color 55.2947, 0.3287, 0.3627.

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

55.2947, 0.3287, 0.3627

Protanopia

54.9116, 0.3401, 0.3595

Deuteranopia

55.1392, 0.3536, 0.3465



Tritanopia

55.3291, 0.3057, 0.3112

Trichromacy



Original Color

55.2947, 0.3287, 0.3627

Protanomaly

54.8376, 0.3357, 0.3598

Deuteranomaly

55.1541, 0.3441, 0.3530

Tritanomaly

55.3357, 0.3135, 0.3290

Monochromacy



Original Color

55.2947, 0.3287, 0.3627

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4944, 0.3185, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2947, 0.3287, 0.3627 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, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 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, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 172) }
```

Border

The CSS property to change the border of an element to Yxy 55.2947, 0.3287, 0.3627 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, 199, 172) }
```

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

```
.border{ border-color:rgb(194, 199, 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, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2947, 0.3287, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 172) }
```

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

```
.background{ background-color: rgb(194,  
199, 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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