

Converting Colors

Yxy(55.8470, 0.3403, 0.4038)

Have a look what the booklet for
Yxy(55.8470, 0.3403, 0.4038)
contains.

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Color

Yxy(55.7002, 0.3403, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	BACC92
RGB	186, 204, 146
RGB Percent	73%, 80%, 57%
CMY	0.2706, 0.2000, 0.4273
CMYK	0.09, 0.00, 0.28, 0.20
HSL	79°, 36%, 69%
HSV	79°, 28%, 80%
XYZ	47.0342, 55.7002, 35.4795
YIQ	192.0060, 7.8900, -21.8540

Conversions

Conversions Part 2

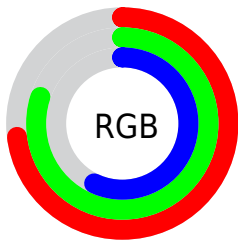
Format	Color
RYB	146, 204, 164
Decimal	12242066
CIELab	79.44, -15.91, 26.93
CIELCh	79, 31.278, 120.571
Yxy	55.7002, 0.3403, 0.4030
Android (android.graphics.Color)	4290432146 (0xFFBACC92)
YUV	192.0060, -22.6810, -5.2673
Hunter-Lab	74.6326, -18.1145, 24.0570

Details

The Yxy color **55.7002, 0.3403, 0.4030** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.8234, 0.2789, 0.2508**, and the grayscale version is **52.8508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7448, 0.3374, 0.3845**, and **27.5444, 0.3460, 0.4238** is the 20% darker color. If you saturate the color by 10%, you get **54.3475, 0.3493, 0.4306**, and if you desaturate by 10%, it is **57.2063, 0.3307, 0.3758**.

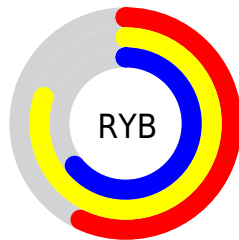
Distribution



Red (73%)

Green (80%)

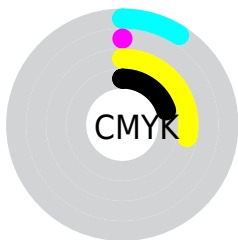
Blue (57%)



Red (57%)

Yellow (80%)

Blue (64%)

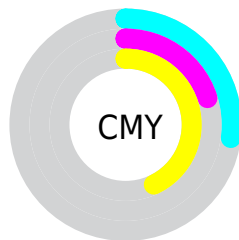


Cyan (9%)

Magenta (0%)

Yellow (28%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7002, 0.3403, 0.4030 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 55.7002, 0.3403, 0.4030 by changing the saturation by 10% instead.


 55.7002, 0.3403,
0.4030


 55.7002, 0.3403,
0.4030


408.5607, 0.3277,
0.3662

 39.9626, 0.3431,
0.4121


 98.5661, 0.3360,
0.3897

 27.5094, 0.3464,
0.4236


 126.4632, 0.3343,
0.3847

 17.9562, 0.3504,
0.4388


159.1823, 0.3328,
0.3804

 10.9185, 0.3552,
0.4595

197.1077, 0.3315,
0.3767

 6.0121, 0.3605,
0.4890

240.6238, 0.3304,
0.3736

 2.8524, 0.3704,
0.5420

290.1151, 0.3294,

 1.0552, 0.3645,

0.3708

0.6355

345.9659, 0.3285,
0.3683

0.0000, 0.0000,
0.0000

55.7002, 0.3403,
0.4030

55.7002, 0.3403,
0.4030

54.3475, 0.3493,
0.4306

57.2063, 0.3307,
0.3758

53.1343, 0.3572,
0.4577

58.8643, 0.3209,
0.3497

52.0561, 0.3634,
0.4831

60.6825, 0.3112,
0.3252

51.1050, 0.3676,
0.5055

62.6661, 0.3018,
0.3026

50.2723, 0.3694,
0.5240

64.8202, 0.2929,
0.2819

■ 49.5478, 0.3687,
0.5378

■ 66.2538, 0.2929,
0.2757

■ 48.9159, 0.3657,
0.5469

■ 67.2846, 0.2973,
0.2764

■ 48.8207, 0.3652,
0.5482

■ 68.3534, 0.3018,
0.2771

■ 69.4607, 0.3064,
0.2778

Harmonies

Analogous

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



55.7002, 0.3753, 0.3958



55.7002, 0.3403, 0.4030



55.7002, 0.2993, 0.3868

Triad

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



55.7002, 0.3403, 0.4030



55.7002, 0.2374, 0.2800



55.7002, 0.3625, 0.3061

Complementary

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



55.7002, 0.3403, 0.4030



32.8234, 0.2789, 0.2508

Split Complementary

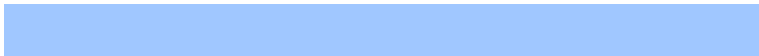
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.7002, 0.3222, 0.2797



55.7002, 0.3403, 0.4030



55.7002, 0.2515, 0.2640

Square

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



55.7002, 0.3403, 0.4030



55.7002, 0.2415, 0.3113



55.7002, 0.2817, 0.2645



55.7002, 0.3894, 0.3387

Rectangle

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



55.7002, 0.3403, 0.4030



55.7002, 0.2743, 0.3646



55.7002, 0.2817, 0.2645



55.7002, 0.3499, 0.2963

Sweetspot

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



55.7027, 0.3403, 0.4030



97.2829, 0.3216, 0.3515



41.2592, 0.3685, 0.3514



20.7330, 0.3230, 0.3553



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.



55.7027, 0.3403, 0.4030



90.8667, 0.3458, 0.4196



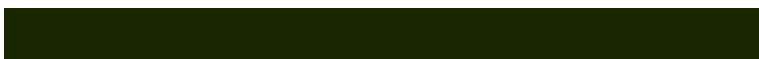
52.4940, 0.3176, 0.4085



12.9153, 0.3219, 0.3522



30.7792, 0.3660, 0.5476



1.6269, 0.3767, 0.5391

Inverse Universe

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



32.8234, 0.2789, 0.2508



46.9666, 0.2701, 0.2320



36.1877, 0.3050, 0.2565



11.0101, 0.3030, 0.3054



3.4596, 0.1722, 0.0722



0.2188, 0.1943, 0.0844

Previews

White Background



This preview shows how the Yxy color 55.7002, 0.3403, 0.4030 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 55.7002, 0.3403, 0.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

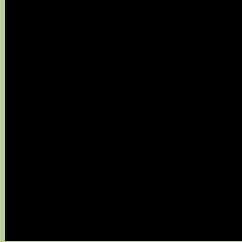
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

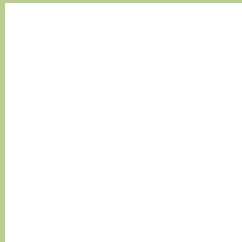
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7002, 0.3403, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 55.7002, 0.3403, 0.4030.



This preview shows how white text looks on a background with the Yxy color 55.7002, 0.3403, 0.4030.

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

55.7002, 0.3403, 0.4030

Protanopia

55.3119, 0.3662, 0.3928

Deuteranopia

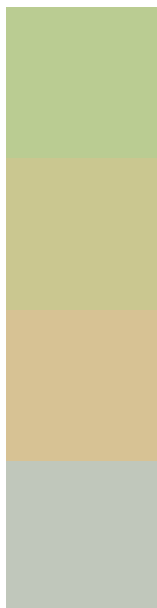
55.5540, 0.3815, 0.3746



Tritanopia

55.7851, 0.3011, 0.3111

Trichromacy



Original Color

55.7002, 0.3403, 0.4030

Protanomaly

55.4170, 0.3566, 0.3967

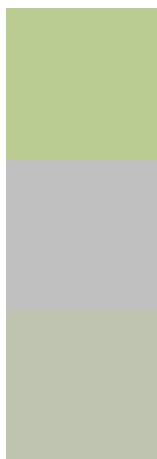
Deuteranomaly

55.1688, 0.3664, 0.3839

Tritanomaly

55.6412, 0.3160, 0.3438

Monochromacy



Original Color

55.7002, 0.3403, 0.4030

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5222, 0.3236, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7002, 0.3403, 0.4030 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(186, 204, 146)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 146)  
}
```

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(186, 204, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 146) }
```

Border

The CSS property to change the border of an element to Yxy 55.7002, 0.3403, 0.4030 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(186, 204, 146) }
```

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

```
.border{ border-color:rgb(186, 204, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 204, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 146);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7002, 0.3403, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 146) }
```

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

```
.background{ background-color: rgb(186,  
204, 146) }
```

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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