

Converting Colors

Yxy(56.0246, 0.3211, 0.3704)

Have a look what the booklet for
Yxy(56.0246, 0.3211, 0.3704)
contains.

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Color

Yxy(55.8425, 0.3209, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	B8CBAB
RGB	184, 203, 171
RGB Percent	72%, 80%, 67%
CMY	0.2784, 0.2039, 0.3295
CMYK	0.09, 0.00, 0.16, 0.20
HSL	96°, 24%, 73%
HSV	96°, 16%, 80%
XYZ	48.4714, 55.8425, 46.7343
YIQ	193.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

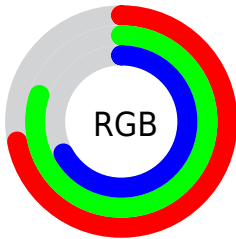
Format	Color
RYB	171, 203, 190
Decimal	12110763
CIELab	79.52, -12.27, 13.83
CIELCh	80, 18.490, 131.577
Yxy	55.8425, 0.3209, 0.3697
Android (android.graphics.Color)	4290300843 (0xFFB8CBAB)
YUV	193.6710, -11.1768, -8.4815
Hunter-Lab	74.7278, -14.9918, 15.2299

Details

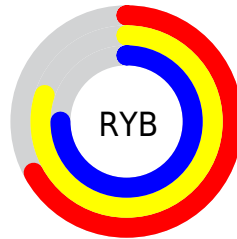
The Yxy color $55.8425, 0.3209, 0.3697$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $44.3686, 0.3033, 0.2890$, and the grayscale version is $53.8119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.5363, 0.3201, 0.3580$, and $27.6521, 0.3226, 0.3807$ is the 20% darker color. If you saturate the color by 10%, you get $53.7051, 0.3258, 0.3984$, and if you desaturate by 10%, it is $58.2302, 0.3157, 0.3432$.

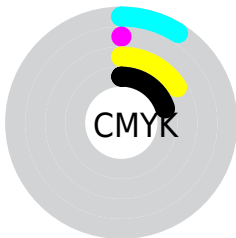
Distribution



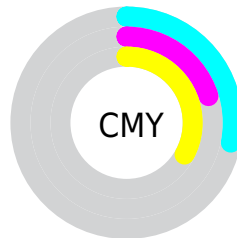
- Red (72%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8425, 0.3209, 0.3697 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 55.8425, 0.3209, 0.3697 by changing the saturation by 10% instead.

 55.8425, 0.3209,
0.3697

 55.8425, 0.3209,
0.3697


409.0977, 0.3172,
0.3495

 40.0767, 0.3217,
0.3747

 98.7743, 0.3196,
0.3624

 27.5983, 0.3227,
0.3810


126.7090, 0.3191,
0.3597

 18.0231, 0.3240,
0.3894


159.4688, 0.3187,
0.3573

 10.9666, 0.3255,
0.4011

197.4380, 0.3183,
0.3553

 6.0444, 0.3274,
0.4181

241.0011, 0.3180,
0.3536

 2.8721, 0.3295,
0.4454

290.5425, 0.3177,

 1.0653, 0.3605,

0.3521

0.5466

346.4466, 0.3174,
0.3507

0.0000, 0.0000,
0.0000

55.8425, 0.3209,
0.3697

55.8425, 0.3209,
0.3697

53.7051, 0.3258,
0.3984

58.2302, 0.3157,
0.3432

51.8022, 0.3301,
0.4287

60.8691, 0.3105,
0.3192

50.1271, 0.3336,
0.4598

63.7693, 0.3054,
0.2975

48.6701, 0.3357,
0.4904

66.9380, 0.3005,
0.2782

47.4207, 0.3362,
0.5189

69.2056, 0.3073,
0.2769

■ 46.3671, 0.3349,
0.5436

■ 71.1953, 0.3151,
0.2782

■ 45.4964, 0.3316,
0.5629

■ 44.7928, 0.3267,
0.5762

■ 44.5360, 0.3245,
0.5806

Harmonies

Analogous

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



55.8425, 0.3435, 0.3714



55.8425, 0.3209, 0.3697



55.8425, 0.2967, 0.3557

Triad

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



55.8425, 0.3209, 0.3697



55.8425, 0.2689, 0.2954



55.8425, 0.3491, 0.3227

Complementary

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



55.8425, 0.3209, 0.3697



44.3686, 0.3033, 0.2890

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.



55.8425, 0.3278, 0.3043



55.8425, 0.3209, 0.3697



55.8425, 0.2818, 0.2886

Square

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



55.8425, 0.3209, 0.3697



55.8425, 0.2674, 0.3117



55.8425, 0.3031, 0.2920



55.8425, 0.3603, 0.3433

Rectangle

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



55.8425, 0.3209, 0.3697



55.8425, 0.2829, 0.3416



55.8425, 0.3031, 0.2920



55.8425, 0.3428, 0.3161

Sweetspot

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



55.8449, 0.3209, 0.3697



97.7996, 0.3154, 0.3414



52.3149, 0.3386, 0.3521



20.8688, 0.3157, 0.3432



0.0000, 0.0000, 0.0000



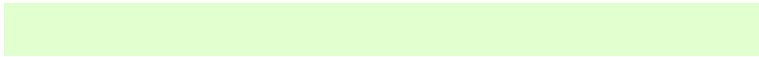
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8449, 0.3209, 0.3697



92.2142, 0.3226, 0.3794



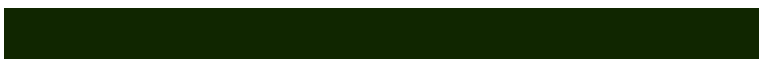
54.4112, 0.3089, 0.3674



12.7560, 0.3176, 0.3525



28.3904, 0.3254, 0.5798



1.5086, 0.3412, 0.5673

Inverse Universe

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



44.3686, 0.3033, 0.2890



69.3390, 0.3008, 0.2796



45.9965, 0.3167, 0.2934



11.1673, 0.3074, 0.3057



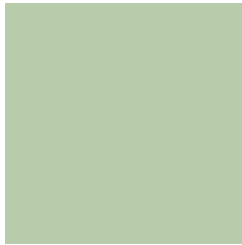
5.3581, 0.2224, 0.0999



0.3201, 0.2414, 0.1104

Previews

White Background



This preview shows how the Yxy color 55.8425, 0.3209, 0.3697 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 55.8425, 0.3209, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

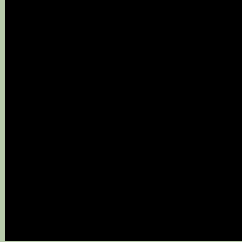
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8425, 0.3209, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 55.8425, 0.3209, 0.3697.



This preview shows how white text looks on a background with the Yxy color 55.8425, 0.3209, 0.3697.

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

55.8425, 0.3209, 0.3697

Protanopia

55.5724, 0.3431, 0.3629

Deuteranopia

55.7302, 0.3542, 0.3476



Tritanopia

55.6838, 0.2960, 0.3097

Trichromacy



Original Color

55.8425, 0.3209, 0.3697

Protanomaly

55.8535, 0.3351, 0.3660

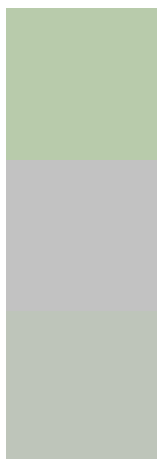
Deuteranomaly

55.6027, 0.3411, 0.3555

Tritanomaly

55.6154, 0.3049, 0.3302

Monochromacy



Original Color

55.8425, 0.3209, 0.3697

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4248, 0.3152, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8425, 0.3209, 0.3697 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(184, 203, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 203, 171)  
}
```

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(184, 203, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 203, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.8425, 0.3209, 0.3697 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(184, 203, 171) }
```

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

```
.border{ border-color:rgb(184, 203, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 203, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 203, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 203, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 203,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8425, 0.3209, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 203, 171) }
```

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

```
.background{ background-color: rgb(184,  
203, 171) }
```

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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