

Converting Colors

$Yxy(54.5641, 0.3213, 0.3618)$

Have a look what the booklet for
Yxy(54.5641, 0.3213, 0.3618)
contains.

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Color

Yxy(54.3419, 0.3207, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	BAC7AE
RGB	186, 199, 174
RGB Percent	73%, 78%, 68%
CMY	0.2706, 0.2196, 0.3175
CMYK	0.07, 0.00, 0.13, 0.22
HSL	91°, 18%, 73%
HSV	91°, 13%, 78%
XYZ	48.3156, 54.3419, 47.9992
YIQ	192.2630, 0.2770, -10.5310

Conversions

Conversions Part 2

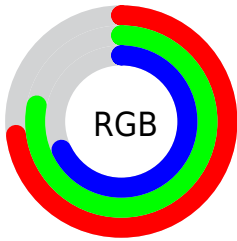
Format	Color
RYB	174, 199, 187
Decimal	12240814
CIELab	78.66, -8.98, 10.99
CIELCh	79, 14.194, 129.233
Yxy	54.3419, 0.3207, 0.3607
Android (android.graphics.Color)	4290430894 (0xFFBAC7AE)
YUV	192.2630, -9.0037, -5.4927
Hunter-Lab	73.7170, -12.0121, 12.9964

Details

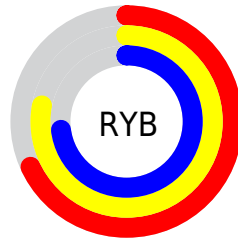
The Yxy color **54.3419, 0.3207, 0.3607** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9733, 0.3039, 0.2974**, and the grayscale version is **52.9299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0544, 0.3196, 0.3549**, and **26.6425, 0.3225, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **52.3741, 0.3269, 0.3883**, and if you desaturate by 10%, it is **56.5234, 0.3143, 0.3352**.

Distribution



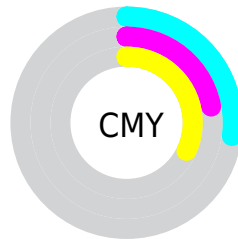
- Red (73%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (27%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3419, 0.3207, 0.3607 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 54.3419, 0.3207, 0.3607 by changing the saturation by 10% instead.

 54.3419, 0.3207,
0.3607

 54.3419, 0.3207,
0.3607


403.4124, 0.3169,
0.3450

 38.8751, 0.3216,
0.3646


 96.5761, 0.3194,
0.3550

 26.6626, 0.3226,
0.3695


124.1122, 0.3189,
0.3529

 17.3200, 0.3240,
0.3761

156.4402, 0.3184,
0.3511

 10.4629, 0.3258,
0.3851

193.9445, 0.3181,
0.3495

 5.7069, 0.3282,
0.3985

237.0095, 0.3177,
0.3482

 2.6677, 0.3315,
0.4200

286.0195, 0.3174,

 0.9608, 0.3589,

0.3470

0.4983

341.3591, 0.3172,
0.3459

0.0000, 0.0000,
0.0000

54.3419, 0.3207,
0.3607

54.3419, 0.3207,
0.3607

52.3741, 0.3269,
0.3883

56.5234, 0.3143,
0.3352

50.6059, 0.3327,
0.4175

58.9182, 0.3080,
0.3119

49.0323, 0.3376,
0.4476


61.5350, 0.3019,
0.2909

47.6452, 0.3413,
0.4774


64.3798, 0.2961,
0.2721


46.4361, 0.3434,
0.5055

66.2071, 0.3027,
0.2720

 45.3953, 0.3435,
0.5305

 68.0493, 0.3102,
0.2733

 44.5123, 0.3415,
0.5508

 69.3276, 0.3153,
0.2742

 43.7746, 0.3374,
0.5655

 43.3044, 0.3335,
0.5734

Harmonies

Analogous

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



54.3419, 0.3378, 0.3615



54.3419, 0.3207, 0.3607



54.3419, 0.3018, 0.3506

Triad

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



54.3419, 0.3207, 0.3607



54.3419, 0.2781, 0.3037



54.3419, 0.3398, 0.3230

Complementary

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



54.3419, 0.3207, 0.3607



44.9733, 0.3039, 0.2974

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.



54.3419, 0.3230, 0.3087



54.3419, 0.3207, 0.3607



54.3419, 0.2876, 0.2976

Square

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



54.3419, 0.3207, 0.3607



54.3419, 0.2776, 0.3170



54.3419, 0.3039, 0.2995



54.3419, 0.3492, 0.3392

Rectangle

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



54.3419, 0.3207, 0.3607



54.3419, 0.2907, 0.3402



54.3419, 0.3039, 0.2995



54.3419, 0.3348, 0.3179

Sweetspot

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



54.3443, 0.3207, 0.3607



98.3675, 0.3153, 0.3389



50.7102, 0.3332, 0.3451



20.9905, 0.3158, 0.3408



0.0000, 0.0000, 0.0000



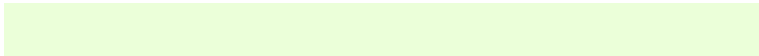
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3443, 0.3207, 0.3607



94.1952, 0.3224, 0.3679



52.9224, 0.3109, 0.3611



12.1332, 0.3187, 0.3524



27.8968, 0.3345, 0.5726



1.3640, 0.3509, 0.5596

Inverse Universe

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



44.9733, 0.3039, 0.2974



74.6620, 0.3017, 0.2903



46.5286, 0.3145, 0.2989



10.5544, 0.3063, 0.3057



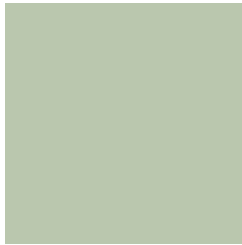
4.5793, 0.2072, 0.0915



0.2598, 0.2298, 0.1040

Previews

White Background



This preview shows how the Yxy color 54.3419, 0.3207, 0.3607 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 54.3419, 0.3207, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

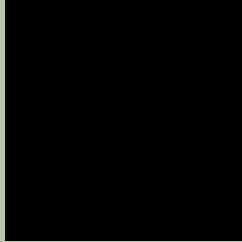
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

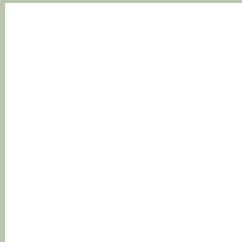
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3419, 0.3207, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 54.3419, 0.3207, 0.3607.

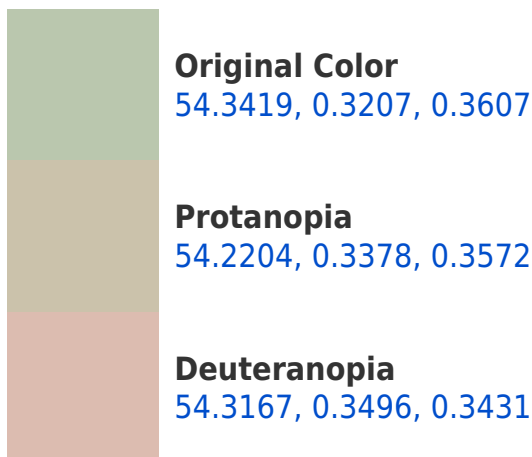


This preview shows how white text looks on a background with the Yxy color 54.3419, 0.3207, 0.3607.

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





Tritanopia

54.2634, 0.2995, 0.3108

Trichromacy



Original Color

54.3419, 0.3207, 0.3607

Protanomaly

54.3287, 0.3316, 0.3588

Deuteranomaly

54.2043, 0.3392, 0.3496

Tritanomaly

54.2842, 0.3072, 0.3290

Monochromacy



Original Color

54.3419, 0.3207, 0.3607

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4801, 0.3161, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3419, 0.3207, 0.3607 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, 199, 174)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 174)  
}
```

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, 199, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 174) }
```

Border

The CSS property to change the border of an element to Yxy 54.3419, 0.3207, 0.3607 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, 199, 174) }
```

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

```
.border{ border-color:rgb(186, 199, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 174);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3419, 0.3207, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 174) }
```

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

```
.background{ background-color: rgb(186,  
199, 174) }
```

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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