

Converting Colors

Yxy(54.1117, 0.3203, 0.3651)

Have a look what the booklet for
Yxy(54.1117, 0.3203, 0.3651)
contains.

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Color

Yxy(54.3161, 0.3204, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	B7C8AB
RGB	183, 200, 171
RGB Percent	72%, 78%, 67%
CMY	0.2823, 0.2157, 0.3294
CMYK	0.08, 0.00, 0.14, 0.22
HSL	95°, 21%, 73%
HSV	95°, 14%, 78%
XYZ	47.5359, 54.3161, 46.5121
YIQ	191.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

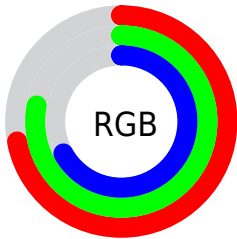
Format	Color
RYB	171, 200, 188
Decimal	12044459
CIELab	78.65, -11.07, 12.56
CIElCh	79, 16.740, 131.402
Yxy	54.3161, 0.3204, 0.3661
Android (android.graphics.Color)	4290234539 (0xFFB7C8AB)
YUV	191.6110, -10.1612, -7.5518
Hunter-Lab	73.6995, -13.8423, 14.1714

Details

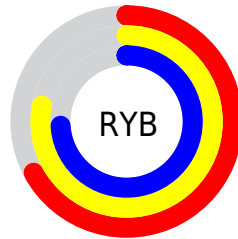
The Yxy color **54.3161, 0.3204, 0.3661** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9925, 0.3040, 0.2924**, and the grayscale version is **52.5368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3617, 0.3195, 0.3581**, and **26.6355, 0.3221, 0.3760** is the 20% darker color. If you saturate the color by 10%, you get **52.2342, 0.3255, 0.3944**, and if you desaturate by 10%, it is **56.6378, 0.3151, 0.3400**.

Distribution



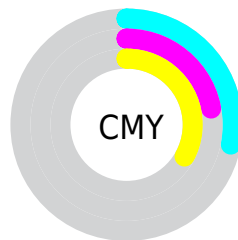
- Red (72%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (28%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3161, 0.3204, 0.3661 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 54.3161, 0.3204, 0.3661 by changing the saturation by 10% instead.


 54.3161, 0.3204,
0.3661

 54.3161, 0.3204,
0.3661

403.3143, 0.3168,
0.3477

 38.8544, 0.3212,
0.3707

 96.5382, 0.3192,
0.3594

 26.6465, 0.3222,
0.3765


124.0674, 0.3187,
0.3569

 17.3079, 0.3234,
0.3843


156.3880, 0.3183,
0.3548

 10.4543, 0.3250,
0.3950

193.8843, 0.3179,
0.3530

 5.7012, 0.3269,
0.4109

236.9406, 0.3176,
0.3514

 2.6642, 0.3293,
0.4365

285.9415, 0.3173,

 0.9591, 0.3628,

0.3500

0.5441

341.2712, 0.3171,
0.3488

0.0000, 0.0000,
0.0000

54.3161, 0.3204,
0.3661

54.3161, 0.3204,
0.3661

52.2342, 0.3255,
0.3944

56.6378, 0.3151,
0.3400

50.3770, 0.3300,
0.4245

59.2000, 0.3098,
0.3162

48.7383, 0.3337,
0.4554

62.0123, 0.3046,
0.2949

47.3090, 0.3361,
0.4861

65.0816, 0.2996,
0.2759

46.0790, 0.3370,
0.5148

67.3398, 0.3054,
0.2735

■ 45.0375, 0.3359,
0.5400

■ 69.4768, 0.3140,
0.2750

■ 44.1721, 0.3330,
0.5600

■ 69.7892, 0.3152,
0.2752

■ 43.4686, 0.3283,
0.5740

■ 43.1380, 0.3253,
0.5799

Harmonies

Analogous

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



54.3161, 0.3410, 0.3677



54.3161, 0.3204, 0.3661



54.3161, 0.2983, 0.3535

Triad

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



54.3161, 0.3204, 0.3661



54.3161, 0.2726, 0.2983



54.3161, 0.3458, 0.3232

Complementary

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



54.3161, 0.3204, 0.3661



43.9925, 0.3040, 0.2924

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.



54.3161, 0.3264, 0.3063



54.3161, 0.3204, 0.3661



54.3161, 0.2843, 0.2920

Square

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



54.3161, 0.3204, 0.3661



54.3161, 0.2712, 0.3134



54.3161, 0.3038, 0.2950



54.3161, 0.3561, 0.3421

Rectangle

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



54.3161, 0.3204, 0.3661



54.3161, 0.2856, 0.3407



54.3161, 0.3038, 0.2950



54.3161, 0.3401, 0.3172

Sweetspot

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



54.3184, 0.3204, 0.3661



98.2441, 0.3149, 0.3389



51.1537, 0.3363, 0.3501



20.9592, 0.3153, 0.3408



0.0000, 0.0000, 0.0000



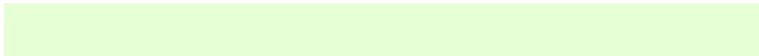
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3184, 0.3204, 0.3661



93.0113, 0.3218, 0.3737



53.0022, 0.3092, 0.3639



12.0987, 0.3177, 0.3524



27.4781, 0.3263, 0.5791



1.3434, 0.3433, 0.5657

Inverse Universe

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



43.9925, 0.3040, 0.2924



72.1468, 0.3021, 0.2851



45.4682, 0.3164, 0.2964



10.5894, 0.3073, 0.3058



5.1197, 0.2210, 0.0991



0.2842, 0.2416, 0.1104

Previews

White Background



This preview shows how the Yxy color 54.3161, 0.3204, 0.3661 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 54.3161, 0.3204, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

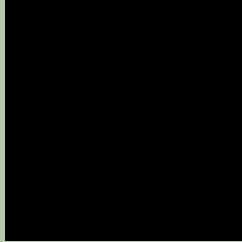
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

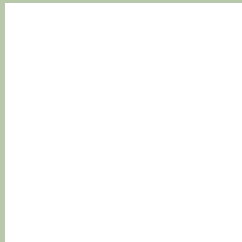
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3161, 0.3204, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 54.3161, 0.3204, 0.3661.



This preview shows how white text looks on a background with the Yxy color 54.3161, 0.3204, 0.3661.

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

54.3161, 0.3204, 0.3661

Protanopia

54.2481, 0.3410, 0.3609

Deuteranopia

53.9688, 0.3523, 0.3443



Tritanopia

54.0555, 0.2973, 0.3095

Trichromacy



Original Color

54.3161, 0.3204, 0.3661

Protanomaly

54.0802, 0.3331, 0.3627

Deuteranomaly

53.9818, 0.3400, 0.3521

Tritanomaly

54.0302, 0.3056, 0.3290

Monochromacy



Original Color

54.3161, 0.3204, 0.3661

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3097, 0.3161, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3161, 0.3204, 0.3661 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(183, 200, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 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(183, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 171) }
```

Border

The CSS property to change the border of an element to Yxy 54.3161, 0.3204, 0.3661 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(183, 200, 171) }
```

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

```
.border{ border-color:rgb(183, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 200,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3161, 0.3204, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 171) }
```

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

```
.background{ background-color: rgb(183,  
200, 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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