

Converting Colors

$Yxy(54.2359, 0.3177, 0.3451)$

Have a look what the booklet for
Yxy(54.2359, 0.3177, 0.3451)
contains.

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Color

Yxy(54.4696, 0.3175, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	BFC5B8
RGB	191, 197, 184
RGB Percent	75%, 77%, 72%
CMY	0.2511, 0.2274, 0.2784
CMYK	0.03, 0.00, 0.07, 0.23
HSL	88°, 10%, 75%
HSV	88°, 7%, 77%
XYZ	50.0988, 54.4696, 53.2230
YIQ	193.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

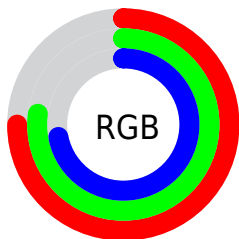
Format	Color
RYB	184, 197, 190
Decimal	12567992
CIELab	78.73, -4.45, 5.79
CIELCh	79, 7.300, 127.529
Yxy	54.4696, 0.3175, 0.3452
Android (android.graphics.Color)	4290758072 (0xFFBFC5B8)
YUV	193.7240, -4.7939, -2.3889
Hunter-Lab	73.8035, -7.9881, 8.9058

Details

The Yxy color $54.4696, 0.3175, 0.3452$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.2684, 0.3077, 0.3128$, and the grayscale version is $53.8047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9490, 0.3165, 0.3427$, and $26.6869, 0.3193, 0.3492$ is the 20% darker color. If you saturate the color by 10%, you get $52.5531, 0.3247, 0.3714$, and if you desaturate by 10%, it is $56.5800, 0.3103, 0.3210$.

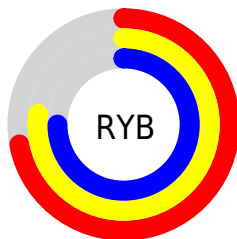
Distribution



Red (75%)

Green (77%)

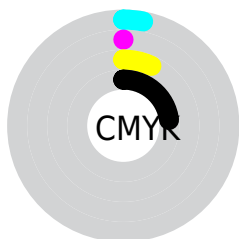
Blue (72%)



Red (72%)

Yellow (77%)

Blue (75%)

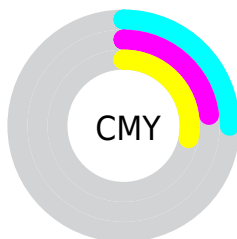


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4696, 0.3175, 0.3452 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 54.4696, 0.3175, 0.3452 by changing the saturation by 10% instead.

 54.4696, 0.3175,
0.3452

 54.4696, 0.3175,
0.3452

403.8982, 0.3152,
0.3372

 38.9772, 0.3180,
0.3471


 96.7634, 0.3167,
0.3423

 26.7420, 0.3187,
0.3496


124.3336, 0.3164,
0.3413

 17.3796, 0.3196,
0.3529

156.6986, 0.3161,
0.3403

 10.5055, 0.3208,
0.3574

194.2427, 0.3159,
0.3395

 5.7354, 0.3225,
0.3639

237.3503, 0.3157,
0.3389

 2.6848, 0.3251,
0.3744

286.4058, 0.3155,

 0.9695, 0.3338,

0.3383

0.3993

341.7937, 0.3153,
0.3377

0.0000, 0.0000,
0.0000

54.4696, 0.3175,
0.3452

54.4696, 0.3175,
0.3452

52.5531, 0.3247,
0.3714

56.5800, 0.3103,
0.3210

50.8173, 0.3317,
0.3994

58.8831, 0.3032,
0.2990

49.2582, 0.3382,
0.4285

61.3865, 0.2965,
0.2792

47.8689, 0.3436,
0.4578

63.5823, 0.2953,
0.2687

46.6421, 0.3476,
0.4862

65.1150, 0.3019,
0.2698

■ 45.5695, 0.3497,
0.5122

■ 66.7280, 0.3086,
0.2710

■ 44.6423, 0.3497,
0.5345

■ 68.4183, 0.3154,
0.2722

■ 43.8503, 0.3473,
0.5518

■ 43.1802, 0.3429,
0.5638

Harmonies

Analogous

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



54.4696, 0.3261, 0.3455



54.4696, 0.3175, 0.3452



54.4696, 0.3077, 0.3404

Triad

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



54.4696, 0.3175, 0.3452



54.4696, 0.2946, 0.3164



54.4696, 0.3262, 0.3256

Complementary

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



54.4696, 0.3175, 0.3452



49.2684, 0.3077, 0.3128

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.



54.4696, 0.3175, 0.3181



54.4696, 0.3175, 0.3452



54.4696, 0.2994, 0.3128

Square

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



54.4696, 0.3175, 0.3452



54.4696, 0.2946, 0.3235



54.4696, 0.3077, 0.3134



54.4696, 0.3312, 0.3340

Rectangle

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



54.4696, 0.3175, 0.3452



54.4696, 0.3019, 0.3352



54.4696, 0.3077, 0.3134



54.4696, 0.3236, 0.3228

Sweetspot

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



54.4720, 0.3175, 0.3452



99.2294, 0.3142, 0.3339



52.0988, 0.3231, 0.3363



21.2473, 0.3141, 0.3336



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.



54.4720, 0.3175, 0.3452



97.0022, 0.3186, 0.3491



53.6708, 0.3125, 0.3454



12.1628, 0.3195, 0.3523



28.3112, 0.3422, 0.5665



1.3833, 0.3577, 0.5542

Inverse Universe

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



49.2684, 0.3077, 0.3128



85.6543, 0.3065, 0.3089



50.0997, 0.3129, 0.3130



10.5248, 0.3054, 0.3056



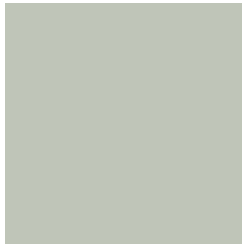
4.1797, 0.1965, 0.0856



0.2409, 0.2202, 0.0987

Previews

White Background



This preview shows how the Yxy color 54.4696, 0.3175, 0.3452 looks on a white background.

Color Contrast Check

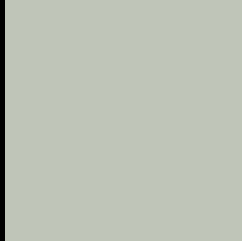
Large Text (above 18pt) WCAG AA × Fail

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 54.4696, 0.3175, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

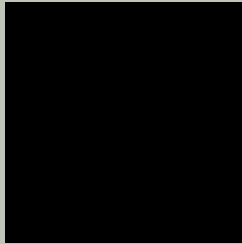
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

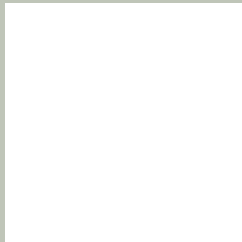
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4696, 0.3175, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 54.4696, 0.3175, 0.3452.



This preview shows how white text looks on a background with the Yxy color 54.4696, 0.3175, 0.3452.

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

54.4696, 0.3175, 0.3452

Protanopia

54.3785, 0.3275, 0.3437

Deuteranopia

54.2633, 0.3387, 0.3314



Tritanopia

54.3455, 0.3026, 0.3098

Trichromacy



Original Color

54.4696, 0.3175, 0.3452

Protanomaly

54.3194, 0.3233, 0.3438

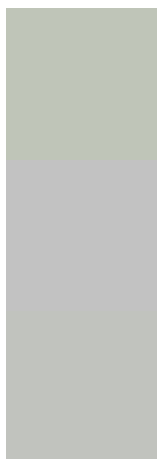
Deuteranomaly

54.1743, 0.3314, 0.3362

Tritanomaly

54.2230, 0.3083, 0.3217

Monochromacy



Original Color

54.4696, 0.3175, 0.3452

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0854, 0.3148, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4696, 0.3175, 0.3452 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(191, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 184)  
}
```

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(191, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 184) }
```

Border

The CSS property to change the border of an element to Yxy 54.4696, 0.3175, 0.3452 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(191, 197, 184) }
```

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

```
.border{ border-color:rgb(191, 197, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4696, 0.3175, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 184) }
```

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

```
.background{ background-color: rgb(191,  
197, 184) }
```

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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