

Converting Colors

Yxy(54.0198, 0.3247, 0.3632)

Have a look what the booklet for
Yxy(54.0198, 0.3247, 0.3632)
contains.

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Color

Yxy(54.0198, 0.3247, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	BCC6AB
RGB	188, 198, 171
RGB Percent	74%, 78%, 67%
CMY	0.2626, 0.2236, 0.3293
CMYK	0.05, 0.00, 0.14, 0.22
HSL	82°, 19%, 72%
HSV	82°, 14%, 78%
XYZ	48.2936, 54.0198, 46.4195
YIQ	191.9320, 2.7070, -10.5170

Conversions

Conversions Part 2

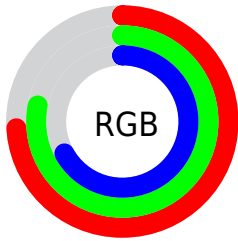
Format	Color
RYB	171, 198, 181
Decimal	12371627
CIELab	78.47, -8.23, 12.36
CIELCh	78, 14.849, 123.659
Yxy	54.0198, 0.3247, 0.3632
Android (android.graphics.Color)	4290561707 (0xFFBCC6AB)
YUV	191.9320, -10.3195, -3.4484
Hunter-Lab	73.4982, -11.3344, 14.0027

Details

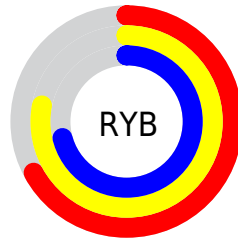
The Yxy color **54.0198, 0.3247, 0.3632** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.0304, 0.2995, 0.2942**, and the grayscale version is **52.7364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2441, 0.3227, 0.3578**, and **26.4293, 0.3279, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **52.4184, 0.3334, 0.3902**, and if you desaturate by 10%, it is **55.7859, 0.3159, 0.3378**.

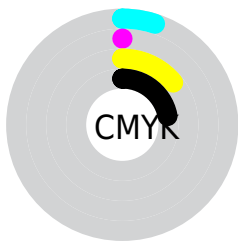
Distribution



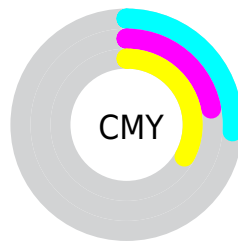
- Red (74%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (26%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0198, 0.3247, 0.3632 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 54.0198, 0.3247, 0.3632 by changing the saturation by 10% instead.


 54.0198, 0.3247,
0.3632

 54.0198, 0.3247,
0.3632


402.1855, 0.3190,
0.3463

 38.6175, 0.3260,
0.3674


 96.1033, 0.3227,
0.3571

 26.4623, 0.3277,
0.3727


123.5533, 0.3219,
0.3548

 17.1698, 0.3298,
0.3798

155.7880, 0.3213,
0.3528

 10.3556, 0.3327,
0.3896

193.1918, 0.3207,
0.3511

 5.6354, 0.3365,
0.4039

236.1490, 0.3202,
0.3497

 2.6247, 0.3420,
0.4270

285.0441, 0.3197,

 0.9391, 0.3865,

0.3484

0.5255

340.2615, 0.3193,
0.3473

0.0000, 0.0000,
0.0000

54.0198, 0.3247,
0.3632

54.0198, 0.3247,
0.3632

52.4184, 0.3334,
0.3902

55.7859, 0.3159,
0.3378

50.9691, 0.3417,
0.4182

57.7150, 0.3072,
0.3142

49.6679, 0.3491,
0.4463


59.8146, 0.2989,
0.2926


48.5084, 0.3552,
0.4736


62.0895, 0.2910,
0.2731


47.4834, 0.3595,
0.4987


63.5390, 0.2931,
0.2693

 46.5849, 0.3615,
0.5205

 64.7345, 0.2984,
0.2702

 45.8039, 0.3612,
0.5377

 65.9808, 0.3037,
0.2712

 45.1294, 0.3584,
0.5499

 67.2784, 0.3090,
0.2721

 44.7426, 0.3558,
0.5557

 68.6279, 0.3144,
0.2730

Harmonies

Analogous

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



54.0198, 0.3418, 0.3621



54.0198, 0.3247, 0.3632



54.0198, 0.3048, 0.3543

Triad

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



54.0198, 0.3247, 0.3632



54.0198, 0.2757, 0.3046



54.0198, 0.3383, 0.3197

Complementary

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



54.0198, 0.3247, 0.3632



43.0304, 0.2995, 0.2942

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.



54.0198, 0.3198, 0.3055



54.0198, 0.3247, 0.3632



54.0198, 0.2839, 0.2966

Square

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



54.0198, 0.3247, 0.3632



54.0198, 0.2769, 0.3196



54.0198, 0.2999, 0.2972



54.0198, 0.3499, 0.3365

Rectangle

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



54.0198, 0.3247, 0.3632



54.0198, 0.2927, 0.3440



54.0198, 0.2999, 0.2972



54.0198, 0.3326, 0.3145

Sweetspot

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



54.0221, 0.3247, 0.3632



98.6540, 0.3163, 0.3388



47.9568, 0.3358, 0.3415



21.0630, 0.3169, 0.3407



0.0000, 0.0000, 0.0000



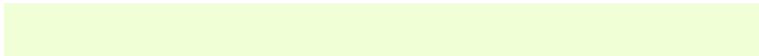
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0221, 0.3247, 0.3632



94.9027, 0.3270, 0.3701



52.3947, 0.3139, 0.3643



12.2140, 0.3210, 0.3522



29.1503, 0.3566, 0.5550



1.4204, 0.3698, 0.5446

Inverse Universe

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



43.0304, 0.2995, 0.2942



72.1127, 0.2967, 0.2870



44.7323, 0.3111, 0.2954



10.4747, 0.3039, 0.3055



3.6177, 0.1805, 0.0768



0.2124, 0.2048, 0.0902

Previews

White Background



This preview shows how the Yxy color 54.0198, 0.3247, 0.3632 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 54.0198, 0.3247, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

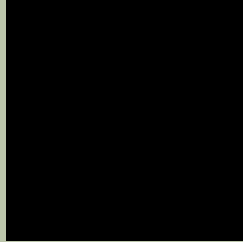
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

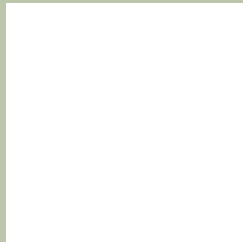
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0198, 0.3247, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 54.0198, 0.3247, 0.3632.



This preview shows how white text looks on a background with the Yxy color 54.0198, 0.3247, 0.3632.

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

54.0198, 0.3247, 0.3632

Protanopia

53.7010, 0.3396, 0.3585

Deuteranopia

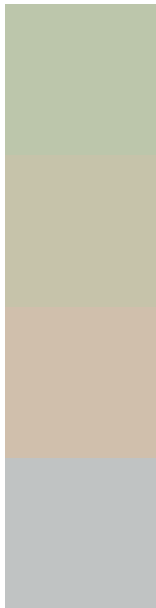
53.7734, 0.3523, 0.3455



Tritanopia

54.1633, 0.3025, 0.3109

Trichromacy



Original Color

54.0198, 0.3247, 0.3632

Protanomaly

53.9383, 0.3342, 0.3601

Deuteranomaly

53.6501, 0.3418, 0.3521

Tritanomaly

54.1768, 0.3103, 0.3290

Monochromacy



Original Color

54.0198, 0.3247, 0.3632

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1206, 0.3178, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0198, 0.3247, 0.3632 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(188, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 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(188, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 171) }
```

Border

The CSS property to change the border of an element to Yxy 54.0198, 0.3247, 0.3632 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(188, 198, 171) }
```

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

```
.border{ border-color:rgb(188, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0198, 0.3247, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 171) }
```

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

```
.background{ background-color: rgb(188,  
198, 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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