

Converting Colors

Yxy(54.5438, 0.3028, 0.2939)

Have a look what the booklet for
Yxy(54.5438, 0.3028, 0.2939)
contains.

Yxy(54.4888, 0.3032, 0.2942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.4888, 0.3032, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	CDBDDB
RGB	205, 189, 219
RGB Percent	80%, 74%, 86%
CMY	0.1961, 0.2588, 0.1412
CMYK	0.06, 0.14, 0.00, 0.14
HSL	272°, 29%, 80%
HSV	272°, 14%, 86%
XYZ	56.1557, 54.4888, 74.5656
YIQ	197.2040, -0.0940, 12.7220

Conversions

Conversions Part 2

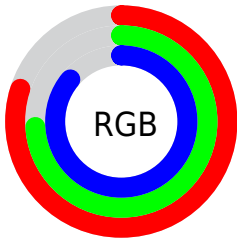
Format	Color
R _Y B	205, 189, 219
Decimal	13483483
CIE Lab	78.75, 11.17, -12.93
CIE LCh	79, 17.087, 310.809
Yxy	54.4888, 0.3032, 0.2942
Android (android.graphics.Color)	4291673563 (0xFFCDBDDDB)
YUV	197.2040, 10.7454, 6.8371
Hunter-Lab	73.8165, 6.6144, -8.2201

Details

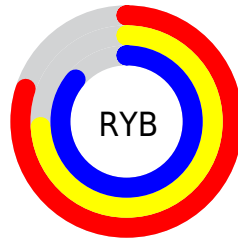
The Yxy color **54.4888, 0.3032, 0.2942** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.0292, 0.3212, 0.3640**, and the grayscale version is **55.8983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **26.8680, 0.3009, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **44.3623, 0.2948, 0.2666**, and if you desaturate by 10%, it is **66.1374, 0.3104, 0.3200**.

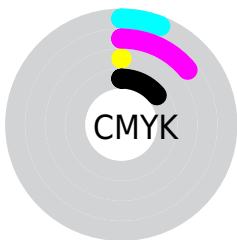
Distribution



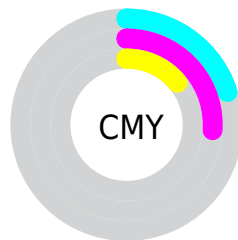
- Red (80%)
- Green (74%)
- Blue (86%)



- Red (80%)
- Yellow (74%)
- Blue (86%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)





- Cyan (20%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4888, 0.3032, 0.2942 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 54.4888, 0.3032, 0.2942 by changing the saturation by 10% instead.

 54.4888, 0.3032,
0.2942

 54.4888, 0.3032,
0.2942


403.9712, 0.3080,
0.3108

 38.9926, 0.3020,
0.2903


 96.7916, 0.3049,
0.3000

 26.7540, 0.3005,
0.2854


124.3669, 0.3056,
0.3023

 17.3885, 0.2985,
0.2792


156.7374, 0.3061,
0.3042

 10.5119, 0.2957,
0.2708

194.2875, 0.3066,
0.3059

 5.7397, 0.2916,
0.2592

237.4015, 0.3070,
0.3073

 2.6874, 0.2851,
0.2417

286.4639, 0.3074,

 0.9708, 0.2732,

0.3086

0.2132

341.8590, 0.3077,
0.3097

■ 0.0000, 0.1574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4888, 0.3032,
0.2942

■ 54.4888, 0.3032,
0.2942

■ 44.3623, 0.2948,
0.2666

■ 66.1374, 0.3104,
0.3200

■ 35.6857, 0.2853,
0.2376

■ 79.3626, 0.3164,
0.3437

■ 28.3911, 0.2745,
0.2082

■ 94.2245, 0.3215,
0.3652

■ 22.4021, 0.2628,
0.1795

■ 96.2089, 0.3280,
0.3648

■ 17.6351, 0.2505,
0.1528

■ 97.8938, 0.3340,
0.3641

■ 13.9959, 0.2379,
0.1295

■ 11.3763, 0.2258,
0.1110

■ 9.6452, 0.2144,
0.0979

■ 8.8745, 0.2078,
0.0919

Harmonies

Analogous

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



54.4888, 0.2834, 0.2913



54.4888, 0.3032, 0.2942



54.4888, 0.3262, 0.3056

Triad

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



54.4888, 0.3032, 0.2942



54.4888, 0.3553, 0.3588



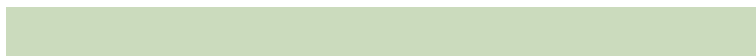
54.4888, 0.2801, 0.3342

Complementary

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



54.4888, 0.3032, 0.2942



67.0292, 0.3212, 0.3640

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.



54.4888, 0.2984, 0.3543



54.4888, 0.3032, 0.2942



54.4888, 0.3419, 0.3684

Square

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



54.4888, 0.3032, 0.2942



54.4888, 0.3569, 0.3420



54.4888, 0.3210, 0.3670



54.4888, 0.2705, 0.3134

Rectangle

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



54.4888, 0.3032, 0.2942



54.4888, 0.3403, 0.3166



54.4888, 0.3210, 0.3670



54.4888, 0.2854, 0.3413

Sweetspot

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



54.4911, 0.3032, 0.2942



92.7714, 0.3101, 0.3191



58.8824, 0.2914, 0.3106



19.5746, 0.3096, 0.3173



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.



54.4911, 0.3032, 0.2942



73.2373, 0.3013, 0.2876



56.5459, 0.3147, 0.2959



12.9570, 0.3064, 0.3054



5.3287, 0.2093, 0.0927



0.3963, 0.2265, 0.1022

Inverse Universe

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



55.7708, 0.3266, 0.3130



75.3524, 0.3295, 0.3100



65.1729, 0.3107, 0.3645



13.1523, 0.3219, 0.3181



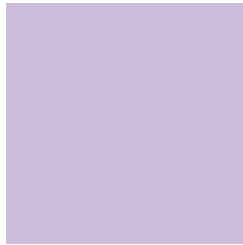
9.5240, 0.5088, 0.2577



0.6343, 0.4703, 0.2364

Previews

White Background



This preview shows how the Yxy color 54.4888, 0.3032, 0.2942 looks on a white background.

Color Contrast Check

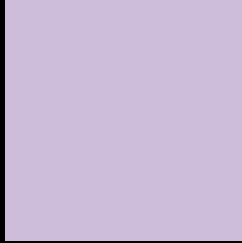
Large Text (above 18pt) WCAG AA × Fail

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 54.4888, 0.3032, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

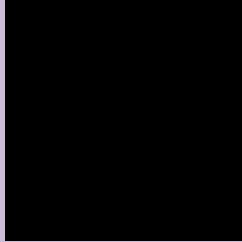
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4888, 0.3032, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 54.4888, 0.3032, 0.2942.



This preview shows how white text looks on a background with the Yxy color 54.4888, 0.3032, 0.2942.

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

54.4888, 0.3032, 0.2942

Protanopia

54.3610, 0.2897, 0.2944

Deuteranopia

54.6379, 0.3016, 0.2952



Tritanopia

54.4143, 0.3111, 0.3112

Trichromacy



Original Color

54.4888, 0.3032, 0.2942

Protanomaly

54.5218, 0.2941, 0.2947

Deuteranomaly

54.7788, 0.3024, 0.2953

Tritanomaly

54.3674, 0.3083, 0.3043

Monochromacy



Original Color

54.4888, 0.3032, 0.2942

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2707, 0.3094, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4888, 0.3032, 0.2942 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(205, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 219)  
}
```

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(205, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 219) }
```

Border

The CSS property to change the border of an element to Yxy 54.4888, 0.3032, 0.2942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

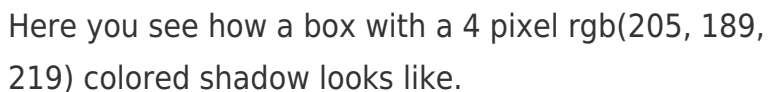
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 189, 219) }
```

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

```
.border{ border-color:rgb(205, 189, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 189, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 189, 219); box-shadow:4px 4px 4px 4px rgb(205, 189, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4888, 0.3032, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 219) }
```

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

```
.background{ background-color: rgb(205,  
189, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor