

Converting Colors

Yxy(54.0606, 0.3260, 0.3199)

Have a look what the booklet for
Yxy(54.0606, 0.3260, 0.3199)
contains.

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Color

Yxy(53.9490, 0.3264, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	D4BCC4
RGB	212, 188, 196
RGB Percent	83%, 74%, 77%
CMY	0.1687, 0.2627, 0.2312
CMYK	0.00, 0.11, 0.08, 0.17
HSL	340°, 22%, 78%
HSV	340°, 11%, 83%
XYZ	55.0969, 53.9490, 59.7558
YIQ	196.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

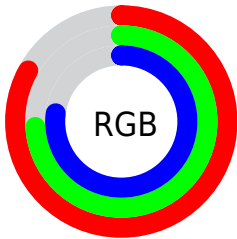
Format	Color
R _Y B	212, 188, 196
Decimal	13941956
CIE Lab	78.43, 9.87, -0.93
CIE LCh	78, 9.910, 354.604
Yxy	53.9490, 0.3264, 0.3196
Android (android.graphics.Color)	4292132036 (0xFFD4BCC4)
YUV	196.0880, -0.0434, 13.9548
Hunter-Lab	73.4500, 5.3603, 3.1792

Details

The Yxy color $53.9490, 0.3264, 0.3196$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.1258, 0.3007, 0.3386$, and the grayscale version is $55.2535, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.0532, 0.3144, 0.3204$, and $26.4490, 0.3301, 0.3181$ is the 20% darker color. If you saturate the color by 10%, you get $44.9371, 0.3414, 0.3108$, and if you desaturate by 10%, it is $64.3562, 0.3141, 0.3280$.

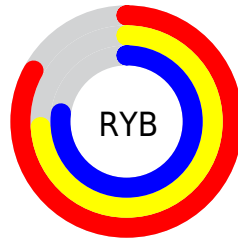
Distribution



Red (83%)

Green (74%)

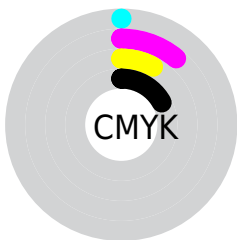
Blue (77%)



Red (83%)

Yellow (74%)

Blue (77%)

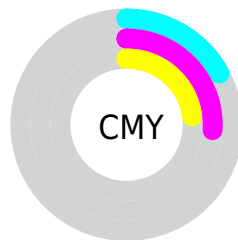


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (17%)



Cyan (17%)


Magenta (26%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9490, 0.3264, 0.3196 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 53.9490, 0.3264, 0.3196 by changing the saturation by 10% instead.


 53.9490, 0.3264,
0.3196

 53.9490, 0.3264,
0.3196

401.9155, 0.3197,
0.3242

 38.5609, 0.3280,
0.3185


 95.9994, 0.3240,
0.3212

 26.4183, 0.3301,
0.3171


123.4304, 0.3231,
0.3219

 17.1368, 0.3327,
0.3153


155.6445, 0.3223,
0.3224

 10.3321, 0.3364,
0.3128

193.0262, 0.3217,
0.3228

 5.6197, 0.3417,
0.3092

235.9597, 0.3211,
0.3232

 2.6152, 0.3500,
0.3036

284.8295, 0.3206,

 0.9343, 0.3651,

0.3236

340.0200, 0.3201,
0.3239

0.2936

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9490, 0.3264,
0.3196

53.9490, 0.3264,
0.3196

44.9371, 0.3414,
0.3108

64.3562, 0.3141,
0.3280

37.2539, 0.3597,
0.3017

76.2074, 0.3041,
0.3357

30.8382, 0.3817,
0.2927

89.5576, 0.2960,
0.3428

25.6208, 0.4079,
0.2846

92.5692, 0.2885,
0.3316

■ 21.5262, 0.4381,
0.2782

■ 92.7338, 0.2871,
0.3289

■ 18.4701, 0.4715,
0.2747

■ 16.3560, 0.5062,
0.2754

■ 15.0689, 0.5396,
0.2810

■ 14.4488, 0.5657,
0.2890

Harmonies

Analogous

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



53.9490, 0.3135, 0.3109



53.9490, 0.3264, 0.3196



53.9490, 0.3357, 0.3308

Triad

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



53.9490, 0.3264, 0.3196



53.9490, 0.3246, 0.3521



53.9490, 0.2873, 0.3155

Complementary

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



53.9490, 0.3264, 0.3196



62.1258, 0.3007, 0.3386

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.



53.9490, 0.2902, 0.3265



53.9490, 0.3264, 0.3196



53.9490, 0.3116, 0.3481

Square

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



53.9490, 0.3264, 0.3196



53.9490, 0.3347, 0.3497



53.9490, 0.2990, 0.3386



53.9490, 0.2911, 0.3084

Rectangle

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



53.9490, 0.3264, 0.3196



53.9490, 0.3386, 0.3383



53.9490, 0.2990, 0.3386



53.9490, 0.2876, 0.3188

Sweetspot

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



53.9514, 0.3264, 0.3196



94.8924, 0.3161, 0.3266



53.5020, 0.3073, 0.3008



20.0260, 0.3170, 0.3259



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.



53.9514, 0.3264, 0.3196



77.8639, 0.3304, 0.3171



55.1508, 0.3323, 0.3333



12.4888, 0.3239, 0.3212



8.9388, 0.5620, 0.2870



0.5543, 0.5131, 0.2600

Inverse Universe

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



53.9514, 0.3264, 0.3196



77.8639, 0.3304, 0.3171



60.7435, 0.2954, 0.3247



12.4888, 0.3239, 0.3212



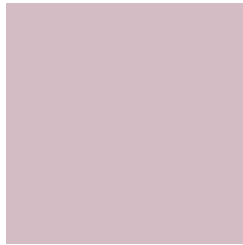
8.9388, 0.5620, 0.2870



0.5543, 0.5131, 0.2600

Previews

White Background



This preview shows how the Yxy color 53.9490, 0.3264, 0.3196 looks on a white background.

Color Contrast Check

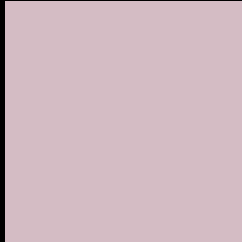
Large Text (above 18pt) WCAG AA × Fail

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 53.9490, 0.3264, 0.3196 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 53.9490, 0.3264, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 53.9490, 0.3264, 0.3196.



This preview shows how white text looks on a background with the Yxy color 53.9490, 0.3264, 0.3196.

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

53.9490, 0.3264, 0.3196

Protanopia

53.9992, 0.3107, 0.3217

Deuteranopia

53.9490, 0.3264, 0.3196



Tritanopia

53.9510, 0.3226, 0.3116

Trichromacy



Original Color

53.9490, 0.3264, 0.3196

Protanomaly

53.8954, 0.3164, 0.3206

Deuteranomaly

53.9490, 0.3264, 0.3196

Tritanomaly

53.8569, 0.3242, 0.3139

Monochromacy



Original Color

53.9490, 0.3264, 0.3196

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6820, 0.3177, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9490, 0.3264, 0.3196 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(212, 188, 196)` looks like.

```
.text, #text, p{  
    color:rgb(212, 188, 196)  
}
```

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(212, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 188, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.9490, 0.3264, 0.3196 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(212, 188, 196) }
```

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

```
.border{ border-color:rgb(212, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 188,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9490, 0.3264, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 188, 196) }
```

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

```
.background{ background-color: rgb(212,  
188, 196) }
```

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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