

Converting Colors

$Yxy(54.3759, 0.3467, 0.3454)$

Have a look what the booklet for
Yxy(54.3759, 0.3467, 0.3454)
contains.

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Color

Yxy(54.2815, 0.3468, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	D9BDB0
RGB	217, 189, 176
RGB Percent	85%, 74%, 69%
CMY	0.1488, 0.2589, 0.3098
CMYK	0.00, 0.13, 0.19, 0.15
HSL	19°, 35%, 77%
HSV	19°, 19%, 85%
XYZ	54.6598, 54.2815, 48.6705
YIQ	195.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

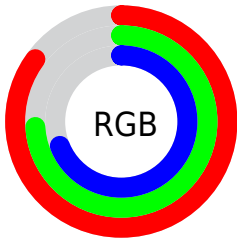
Format	Color
RYB	217, 195, 176
Decimal	14269872
CIELab	78.63, 7.93, 10.23
CIELCh	79, 12.939, 52.223
Yxy	54.2815, 0.3468, 0.3444
Android (android.graphics.Color)	4292459952 (0xFFD9BDB0)
YUV	195.8900, -9.8058, 18.5135
Hunter-Lab	73.6760, 3.4951, 12.4061

Details

The Yxy color **54.2815, 0.3468, 0.3444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.4569, 0.2836, 0.3131**, and the grayscale version is **55.1871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3910, 0.3272, 0.3417**, and **26.7449, 0.3557, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **47.4326, 0.3696, 0.3531**, and if you desaturate by 10%, it is **61.9257, 0.3274, 0.3360**.

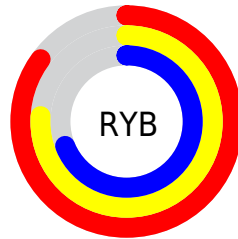
Distribution



Red (85%)

Green (74%)

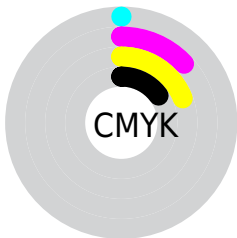
Blue (69%)



Red (85%)

Yellow (76%)

Blue (69%)

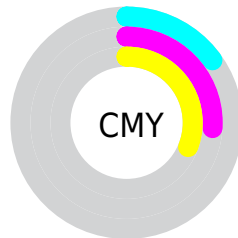


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (26%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2815, 0.3468, 0.3444 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 54.2815, 0.3468, 0.3444 by changing the saturation by 10% instead.


 54.2815, 0.3468,
0.3444

 54.2815, 0.3468,
0.3444


403.1825, 0.3301,
0.3371

 38.8268, 0.3509,
0.3461

 96.4874, 0.3408,
0.3418

 26.6250, 0.3560,
0.3482


124.0074, 0.3385,
0.3409

 17.2918, 0.3628,
0.3509


156.3180, 0.3366,
0.3400

 10.4427, 0.3721,
0.3545

193.8034, 0.3349,
0.3393

 5.6935, 0.3856,
0.3594

236.8482, 0.3335,
0.3386

 2.6596, 0.4067,
0.3663

285.8368, 0.3322,

 0.9567, 0.4683,

0.3381

0.3970

341.1534, 0.3311,
0.3376

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2815, 0.3468,
0.3444

54.2815, 0.3468,
0.3444

47.4326, 0.3696,
0.3531

61.9257, 0.3274,
0.3360

41.3457, 0.3963,
0.3618

70.3826, 0.3111,
0.3282

35.9955, 0.4269,
0.3699

79.6783, 0.2973,
0.3209

31.3529, 0.4610,
0.3766

89.3216, 0.2898,
0.3221

■ 27.3865, 0.4972,
0.3807

■ 93.4991, 0.2900,
0.3289

■ 24.0622, 0.5331,
0.3809

■ 21.3424, 0.5654,
0.3764

■ 19.1810, 0.5913,
0.3676

■ 18.9755, 0.5939,
0.3666

Harmonies

Analogous

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



54.2815, 0.3421, 0.3300



54.2815, 0.3468, 0.3444



54.2815, 0.3421, 0.3553

Triad

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



54.2815, 0.3468, 0.3444



54.2815, 0.2960, 0.3427



54.2815, 0.2957, 0.3001

Complementary

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



54.2815, 0.3468, 0.3444



57.4569, 0.2836, 0.3131

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.



54.2815, 0.2839, 0.3026



54.2815, 0.3468, 0.3444



54.2815, 0.2841, 0.3269

Square

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



54.2815, 0.3468, 0.3444



54.2815, 0.3125, 0.3548



54.2815, 0.2798, 0.3122



54.2815, 0.3122, 0.3050

Rectangle

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



54.2815, 0.3468, 0.3444



54.2815, 0.3343, 0.3589



54.2815, 0.2798, 0.3122



54.2815, 0.2910, 0.3001

Sweetspot

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



54.2839, 0.3468, 0.3444



92.5609, 0.3225, 0.3337



50.2050, 0.3249, 0.2958



19.6441, 0.3236, 0.3343



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.



54.2839, 0.3468, 0.3444



73.8151, 0.3562, 0.3481



63.4155, 0.3427, 0.3669



13.7205, 0.3284, 0.3365



11.6495, 0.5913, 0.3687



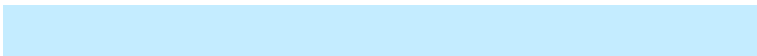
0.9069, 0.5592, 0.3942

Inverse Universe

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



57.4569, 0.2836, 0.3131



79.2489, 0.2770, 0.3090



48.6109, 0.2821, 0.2880



14.0985, 0.2982, 0.3214



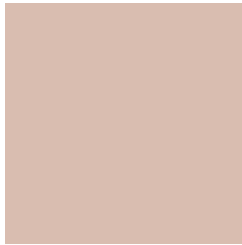
16.1159, 0.1952, 0.2228



1.1962, 0.2006, 0.2421

Previews

White Background



This preview shows how the Yxy color 54.2815, 0.3468, 0.3444 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 54.2815, 0.3468, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

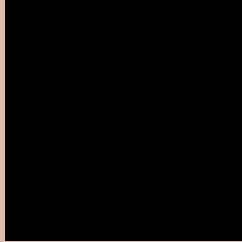
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2815, 0.3468, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 54.2815, 0.3468, 0.3444.



This preview shows how white text looks on a background with the Yxy color 54.2815, 0.3468, 0.3444.

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

54.2815, 0.3468, 0.3444

Protanopia

54.3948, 0.3307, 0.3474

Deuteranopia

54.3167, 0.3496, 0.3431



Tritanopia

54.0837, 0.3303, 0.3118

Trichromacy



Original Color

54.2815, 0.3468, 0.3444

Protanomaly

54.1790, 0.3360, 0.3460

Deuteranomaly

54.1611, 0.3487, 0.3432

Tritanomaly

53.9395, 0.3367, 0.3233

Monochromacy



Original Color

54.2815, 0.3468, 0.3444

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6514, 0.3247, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2815, 0.3468, 0.3444 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(217, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 176)  
}
```

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(217, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.2815, 0.3468, 0.3444 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(217, 189, 176) }
```

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

```
.border{ border-color:rgb(217, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(217, 189,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2815, 0.3468, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 176) }
```

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

```
.background{ background-color: rgb(217,  
189, 176) }
```

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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