

Converting Colors

Yxy(53.5409, 0.3491, 0.3410)

Have a look what the booklet for
Yxy(53.5409, 0.3491, 0.3410)
contains.

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Color

Yxy(53.3125, 0.3491, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	DBBAB0
RGB	219, 186, 176
RGB Percent	86%, 73%, 69%
CMY	0.1414, 0.2705, 0.3099
CMYK	0.00, 0.15, 0.20, 0.14
HSL	14°, 37%, 77%
HSV	14°, 20%, 86%
XYZ	54.5949, 53.3125, 48.4801
YIQ	194.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

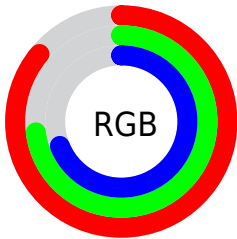
Format	Color
R _Y B	219, 189, 176
Decimal	14400176
CIE Lab	78.06, 10.20, 9.45
CIE LCh	78, 13.908, 42.805
Yxy	53.3125, 0.3491, 0.3409
Android (android.graphics.Color)	4292590256 (0xFFDDBAB0)
YUV	194.7270, -9.2324, 21.2874
Hunter-Lab	73.0154, 5.6906, 11.7439

Details

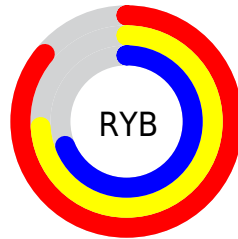
The Yxy color **53.3125, 0.3491, 0.3409** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.8934, 0.2827, 0.3168**, and the grayscale version is **54.4460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5905, 0.3275, 0.3388**, and **26.1228, 0.3591, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **45.8569, 0.3733, 0.3474**, and if you desaturate by 10%, it is **61.7427, 0.3289, 0.3346**.

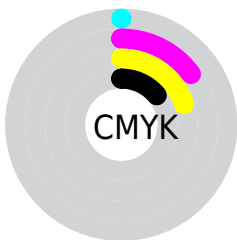
Distribution



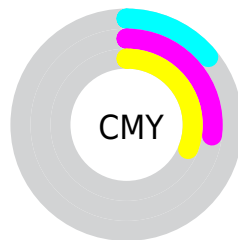
- Red (86%)
- Green (73%)
- Blue (69%)



- Red (86%)
- Yellow (74%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3125, 0.3491, 0.3409 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 53.3125, 0.3491, 0.3409 by changing the saturation by 10% instead.


 53.3125, 0.3491,
0.3409

 53.3125, 0.3491,
0.3409


399.4829, 0.3312,
0.3353

 38.0523, 0.3535,
0.3422


 95.0641, 0.3427,
0.3390

 26.0233, 0.3591,
0.3438


122.3242, 0.3402,
0.3382

 16.8411, 0.3664,
0.3457


154.3531, 0.3381,
0.3376

 10.1212, 0.3765,
0.3483

191.5352, 0.3364,
0.3370

 5.4794, 0.3912,
0.3517

234.2548, 0.3348,
0.3365

 2.5312, 0.4144,
0.3564

282.8963, 0.3335,

 0.8922, 0.4830,

0.3361

337.8443, 0.3323,
0.3357

0.3835

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3125, 0.3491,
0.3409

53.3125, 0.3491,
0.3409

45.8569, 0.3733,
0.3474

61.7427, 0.3289,
0.3346

39.3334, 0.4020,
0.3539

71.1737, 0.3121,
0.3288

33.7069, 0.4354,
0.3598

81.6398, 0.2982,
0.3234

28.9374, 0.4729,
0.3643

92.6072, 0.2911,
0.3270

■ 24.9817, 0.5129,
0.3665

■ 93.7912, 0.2911,
0.3289

■ 21.7927, 0.5522,
0.3654

■ 19.3180, 0.5864,
0.3602

■ 17.4924, 0.6120,
0.3519

■ 17.4342, 0.6128,
0.3516

Harmonies

Analogous

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



53.3125, 0.3409, 0.3250



53.3125, 0.3491, 0.3409



53.3125, 0.3471, 0.3543

Triad

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



53.3125, 0.3491, 0.3409



53.3125, 0.2999, 0.3487



53.3125, 0.2896, 0.2978

Complementary

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



53.3125, 0.3491, 0.3409



59.8934, 0.2827, 0.3168

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.



53.3125, 0.2793, 0.3030



53.3125, 0.3491, 0.3409



53.3125, 0.2851, 0.3322

Square

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



53.3125, 0.3491, 0.3409



53.3125, 0.3184, 0.3595



53.3125, 0.2777, 0.3154



53.3125, 0.3062, 0.3007

Rectangle

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



53.3125, 0.3491, 0.3409



53.3125, 0.3404, 0.3600



53.3125, 0.2777, 0.3154



53.3125, 0.2853, 0.2986

Sweetspot

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



53.3149, 0.3491, 0.3409



91.8000, 0.3226, 0.3325



50.6966, 0.3231, 0.2913



19.4647, 0.3237, 0.3329



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.



53.3149, 0.3491, 0.3409



70.3088, 0.3597, 0.3439



63.0480, 0.3445, 0.3653



13.5430, 0.3286, 0.3345



10.4834, 0.6104, 0.3535



0.8117, 0.5784, 0.3790

Inverse Universe

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



59.8934, 0.2827, 0.3168



81.3933, 0.2759, 0.3136



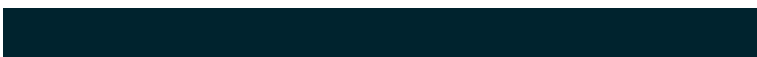
50.0689, 0.2811, 0.2899



14.2867, 0.2982, 0.3234



19.7722, 0.2034, 0.2521



1.4087, 0.2072, 0.2661

Previews

White Background



This preview shows how the Yxy color 53.3125, 0.3491, 0.3409 looks on a white background.

Color Contrast Check

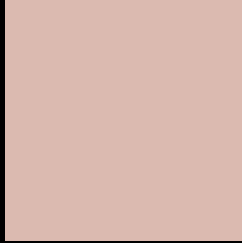
Large Text (above 18pt) WCAG AA × Fail

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 53.3125, 0.3491, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

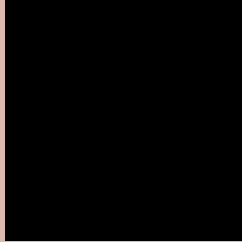
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3125, 0.3491, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 53.3125, 0.3491, 0.3409.



This preview shows how white text looks on a background with the Yxy color 53.3125, 0.3491, 0.3409.

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

53.3125, 0.3491, 0.3409

Protanopia

53.2333, 0.3293, 0.3450

Deuteranopia

53.1578, 0.3483, 0.3409



Tritanopia

53.4278, 0.3347, 0.3130

Trichromacy



Original Color

53.3125, 0.3491, 0.3409

Protanomaly

53.3067, 0.3363, 0.3436

Deuteranomaly

53.1578, 0.3483, 0.3409

Tritanomaly

53.3273, 0.3404, 0.3233

Monochromacy



Original Color

53.3125, 0.3491, 0.3409

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1675, 0.3256, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3125, 0.3491, 0.3409 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(219, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 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(219, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.3125, 0.3491, 0.3409 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(219, 186, 176) }
```

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

```
.border{ border-color:rgb(219, 186, 176) }
```

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

Here you see how a box with a 4 pixel rgb(219, 186, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(219, 186,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3125, 0.3491, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 176) }
```

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

```
.background{ background-color: rgb(219,  
186, 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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