

Converting Colors

Yxy(53.3173, 0.3582, 0.3551)

Have a look what the booklet for
Yxy(53.3173, 0.3582, 0.3551)
contains.

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Color

Yxy(53.3173, 0.3582, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	DBBBA5
RGB	219, 187, 165
RGB Percent	86%, 73%, 65%
CMY	0.1410, 0.2667, 0.3530
CMYK	0.00, 0.15, 0.25, 0.14
HSL	24°, 43%, 75%
HSV	24°, 25%, 86%
XYZ	53.7828, 53.3173, 43.0472
YIQ	194.0600, 26.1340, -0.0580

Conversions

Conversions Part 2

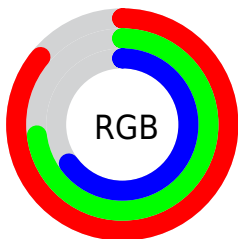
Format	Color
R_{YB}	219, 202, 165
Decimal	14400421
CIE Lab	78.06, 8.12, 15.39
CIE LCh	78, 17.399, 62.179
Yxy	53.3173, 0.3582, 0.3551
Android (android.graphics.Color)	4292590501 (0xFFDDBBAA5)
YUV	194.0600, -14.3266, 21.8724
Hunter-Lab	73.0187, 3.6935, 16.1594

Details

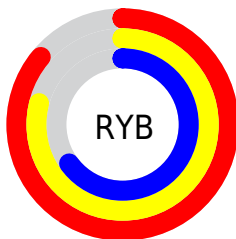
The Yxy color **53.3173, 0.3582, 0.3551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.0621, 0.2742, 0.3013**, and the grayscale version is **54.0637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5285, 0.3350, 0.3517**, and **26.0290, 0.3702, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **47.3263, 0.3818, 0.3663**, and if you desaturate by 10%, it is **59.9481, 0.3377, 0.3441**.

Distribution



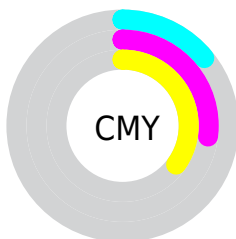
- Red (86%)
- Green (73%)
- Blue (65%)



- Red (86%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3173, 0.3582, 0.3551 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 53.3173, 0.3582, 0.3551 by changing the saturation by 10% instead.

 53.3173, 0.3582,
0.3551


 53.3173, 0.3582,
0.3551


399.5013, 0.3358,
0.3427

 38.0561, 0.3637,
0.3580


 95.0711, 0.3502,
0.3507

 26.0263, 0.3706,
0.3616


 122.3325, 0.3471,
0.3491

 16.8433, 0.3796,
0.3662


154.3628, 0.3445,
0.3476

 10.1228, 0.3920,
0.3722

191.5464, 0.3423,
0.3464

 5.4805, 0.4098,
0.3803

234.2676, 0.3404,
0.3453

 2.5318, 0.4373,
0.3914

282.9109, 0.3387,

 0.8925, 0.5437,

0.3443

0.4563

337.8607, 0.3372,
0.3435

0.0000, 0.0000,
0.0000

53.3173, 0.3582,
0.3551

53.3173, 0.3582,
0.3551

47.3263, 0.3818,
0.3663

59.9481, 0.3377,
0.3441

41.9476, 0.4085,
0.3771

67.2305, 0.3201,
0.3337

37.1625, 0.4380,
0.3868

75.1851, 0.3050,
0.3239

32.9482, 0.4696,
0.3942

83.8294, 0.2920,
0.3149

29.2804, 0.5016,
0.3981

91.8595, 0.2911,
0.3258

■ 26.1322, 0.5317,
0.3972

■ 93.8060, 0.2912,
0.3289

■ 23.4736, 0.5575,
0.3909

■ 22.2399, 0.5695,
0.3860

Harmonies

Analogous

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



53.3173, 0.3561, 0.3366



53.3173, 0.3582, 0.3551



53.3173, 0.3476, 0.3676

Triad

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



53.3173, 0.3582, 0.3551



53.3173, 0.2839, 0.3406



53.3173, 0.2965, 0.2915

Complementary

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



53.3173, 0.3582, 0.3551



53.0621, 0.2742, 0.3013

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.



53.3173, 0.2782, 0.2913



53.3173, 0.3582, 0.3551



53.3173, 0.2712, 0.3188

Square

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



53.3173, 0.3582, 0.3551



53.3173, 0.3045, 0.3598



53.3173, 0.2691, 0.3009



53.3173, 0.3198, 0.3009

Rectangle

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



53.3173, 0.3582, 0.3551



53.3173, 0.3351, 0.3703



53.3173, 0.2691, 0.3009



53.3173, 0.2896, 0.2904

Sweetspot

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



53.3197, 0.3582, 0.3551



92.3358, 0.3240, 0.3361



46.0222, 0.3342, 0.2913



19.6270, 0.3251, 0.3367



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.



53.3197, 0.3582, 0.3551



70.4123, 0.3710, 0.3613



65.6900, 0.3512, 0.3847



13.9176, 0.3281, 0.3386



13.3850, 0.5669, 0.3881



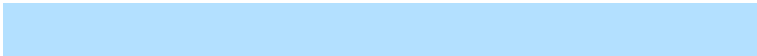
1.0337, 0.5374, 0.4115

Inverse Universe

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



53.0621, 0.2742, 0.3013



69.9779, 0.2654, 0.2941



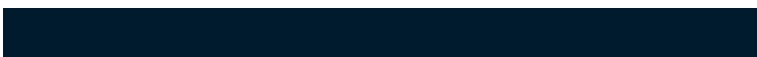
42.0114, 0.2712, 0.2665



13.8942, 0.2982, 0.3192



12.6945, 0.1863, 0.1905



0.9902, 0.1932, 0.2154

Previews

White Background



This preview shows how the Yxy color 53.3173, 0.3582, 0.3551 looks on a white background.

Color Contrast Check

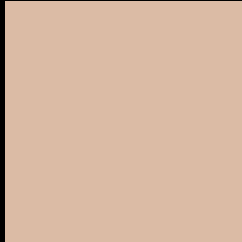
Large Text (above 18pt) WCAG AA × Fail

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 53.3173, 0.3582, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

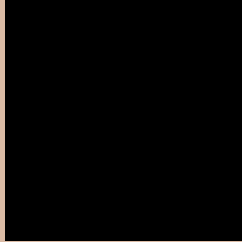
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3173, 0.3582, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 53.3173, 0.3582, 0.3551.



This preview shows how white text looks on a background with the Yxy color 53.3173, 0.3582, 0.3551.

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

53.3173, 0.3582, 0.3551

Protanopia

53.5236, 0.3395, 0.3599

Deuteranopia

53.3640, 0.3611, 0.3537



Tritanopia

53.1751, 0.3357, 0.3119

Trichromacy



Original Color

53.3173, 0.3582, 0.3551

Protanomaly

53.4615, 0.3459, 0.3582

Deuteranomaly

53.2066, 0.3602, 0.3538

Tritanomaly

53.3134, 0.3446, 0.3279

Monochromacy



Original Color

53.3173, 0.3582, 0.3551

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3770, 0.3288, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3173, 0.3582, 0.3551 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, 187, 165)` looks like.

```
.text, #text, p{  
    color:rgb(219, 187, 165)  
}
```

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, 187, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 187, 165) }
```

Border

The CSS property to change the border of an element to Yxy 53.3173, 0.3582, 0.3551 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, 187, 165) }
```

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

```
.border{ border-color:rgb(219, 187, 165) }
```

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

Here you see how a box with a 4 pixel rgb(219, 187, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 187, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 187, 165);  
box-shadow:4px 4px 4px 4px rgb(219, 187,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3173, 0.3582, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 187, 165) }
```

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

```
.background{ background-color: rgb(219,  
187, 165) }
```

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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