

Converting Colors

Yxy(53.0018, 0.3516, 0.3457)

Have a look what the booklet for
Yxy(53.0018, 0.3516, 0.3457)
contains.

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Color

Yxy(53.0018, 0.3516, 0.3457)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DABAAC |
| RGB | 218, 186, 172 |
| RGB Percent | 85%, 73%, 67% |
| CMY | 0.1453, 0.2705, 0.3256 |
| CMYK | 0.00, 0.15, 0.21, 0.15 |
| HSL | 18°, 38%, 76% |
| HSV | 18°, 21%, 85% |
| XYZ | 53.9064, 53.0018, 46.4092 |
| YIQ | 193.9720, 23.5660, 2.4300 |

Conversions

Conversions Part 2

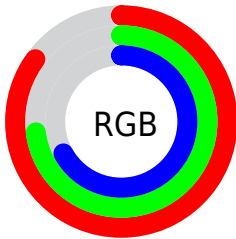
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 218, 192, 172 |
| Decimal | 14334636 |
| CIE Lab | 77.88, 9.24, 11.34 |
| CIE LCh | 78, 14.627, 50.834 |
| Yxy | 53.0018, 0.3516, 0.3457 |
| Android (android.graphics.Color) | 4292524716 (0xFFDABAAC) |
| YUV | 193.9720, -10.8322, 21.0726 |
| Hunter-Lab | 72.8023, 4.7660, 13.1662 |

Details

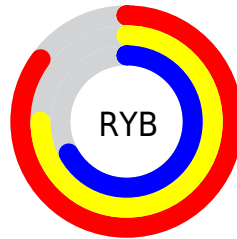
The Yxy color **53.0018, 0.3516, 0.3457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.9702, 0.2803, 0.3117**, and the grayscale version is **53.9842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3103, 0.3306, 0.3438**, and **25.9177, 0.3625, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **46.1895, 0.3754, 0.3542**, and if you desaturate by 10%, it is **60.6319, 0.3314, 0.3375**.

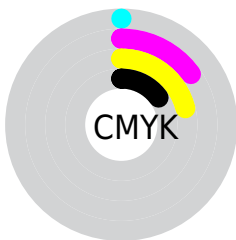
Distribution



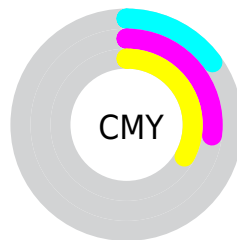
- Red (85%)
- Green (73%)
- Blue (67%)



- Red (85%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0018, 0.3516, 0.3457 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 53.0018, 0.3516, 0.3457 by changing the saturation by 10% instead.


 53.0018, 0.3516,
0.3457

 53.0018, 0.3516,
0.3457

398.2920, 0.3324,
0.3378

 37.8042, 0.3563,
0.3475


 94.6070, 0.3447,
0.3429

 25.8308, 0.3623,
0.3498


121.7834, 0.3421,
0.3419

 16.6971, 0.3701,
0.3527


153.7216, 0.3399,
0.3410

 10.0188, 0.3809,
0.3565


190.8058, 0.3380,
0.3402

 5.4114, 0.3965,
0.3616

233.4206, 0.3363,
0.3395

 2.4906, 0.4212,
0.3687

281.9503, 0.3349,

 0.8719, 0.5105,

0.3388

0.4150

336.7793, 0.3336,
0.3383

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0018, 0.3516,
0.3457

53.0018, 0.3516,
0.3457

46.1895, 0.3754,
0.3542

60.6319, 0.3314,
0.3375

40.1603, 0.4032,
0.3625

69.0989, 0.3144,
0.3298

34.8871, 0.4350,
0.3701

78.4302, 0.3001,
0.3227

30.3390, 0.4701,
0.3761

88.3787, 0.2902,
0.3203

■ 26.4823, 0.5070,
0.3792

■ 93.6379, 0.2905,
0.3289

■ 23.2806, 0.5429,
0.3783

■ 20.6934, 0.5743,
0.3726

■ 18.8627, 0.5967,
0.3644

Harmonies

Analogous

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



53.0018, 0.3457, 0.3292



53.0018, 0.3516, 0.3457



53.0018, 0.3466, 0.3585

Triad

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



53.0018, 0.3516, 0.3457



53.0018, 0.2944, 0.3454



53.0018, 0.2925, 0.2962

Complementary

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



53.0018, 0.3516, 0.3457



56.9702, 0.2803, 0.3117

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.



53.0018, 0.2796, 0.2993



53.0018, 0.3516, 0.3457



53.0018, 0.2807, 0.3274

Square

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



53.0018, 0.3516, 0.3457



53.0018, 0.3133, 0.3590



53.0018, 0.2753, 0.3105



53.0018, 0.3112, 0.3013

Rectangle

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



53.0018, 0.3516, 0.3457



53.0018, 0.3380, 0.3630



53.0018, 0.2753, 0.3105



53.0018, 0.2874, 0.2963

Sweetspot

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



53.0042, 0.3516, 0.3457



92.4601, 0.3225, 0.3336



48.7635, 0.3266, 0.2918



19.6204, 0.3236, 0.3341



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.



53.0042, 0.3516, 0.3457



71.4845, 0.3610, 0.3492



63.3579, 0.3464, 0.3714



13.6970, 0.3284, 0.3362



11.4735, 0.5940, 0.3665



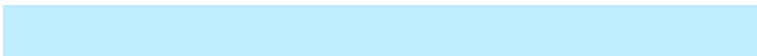
0.8932, 0.5618, 0.3921

Inverse Universe

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



56.9702, 0.2803, 0.3117



78.0467, 0.2740, 0.3079



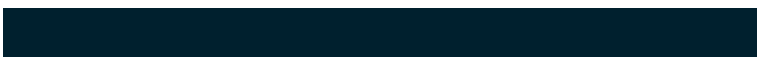
46.9474, 0.2783, 0.2827



14.1232, 0.2982, 0.3217



16.5689, 0.1963, 0.2267



1.2229, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 53.0018, 0.3516, 0.3457 looks on a white background.

Color Contrast Check

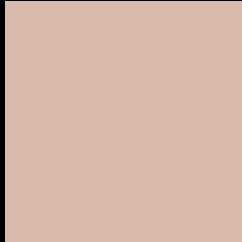
Large Text (above 18pt) WCAG AA × Fail

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 53.0018, 0.3516, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

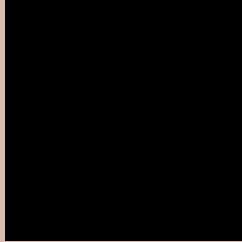
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0018, 0.3516, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 53.0018, 0.3516, 0.3457.



This preview shows how white text looks on a background with the Yxy color 53.0018, 0.3516, 0.3457.

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

53.0018, 0.3516, 0.3457

Protanopia

53.0738, 0.3324, 0.3500

Deuteranopia

53.1564, 0.3525, 0.3456



Tritanopia

52.8593, 0.3340, 0.3118

Trichromacy



Original Color

53.0018, 0.3516, 0.3457

Protanomaly

53.1483, 0.3396, 0.3485

Deuteranomaly

53.1564, 0.3525, 0.3456

Tritanomaly

52.7135, 0.3405, 0.3233

Monochromacy



Original Color

53.0018, 0.3516, 0.3457

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5033, 0.3265, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0018, 0.3516, 0.3457 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(218, 186, 172)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 172)  
}
```

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(218, 186, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 172) }
```

Border

The CSS property to change the border of an element to Yxy 53.0018, 0.3516, 0.3457 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(218, 186, 172) }
```

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

```
.border{ border-color:rgb(218, 186, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 186, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 186, 172); box-shadow:4px 4px 4px 4px rgb(218, 186, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0018, 0.3516, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 172) }
```

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

```
.background{ background-color: rgb(218,  
186, 172) }
```

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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