

Converting Colors

Yxy(51.9558, 0.3551, 0.3489)

Have a look what the booklet for
Yxy(51.9558, 0.3551, 0.3489)
contains.

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Color

Yxy(51.8598, 0.3546, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	D9B8A8
RGB	217, 184, 168
RGB Percent	85%, 72%, 66%
CMY	0.1492, 0.2783, 0.3412
CMYK	0.00, 0.15, 0.23, 0.15
HSL	20°, 39%, 75%
HSV	20°, 23%, 85%
XYZ	52.8130, 51.8598, 44.2640
YIQ	192.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

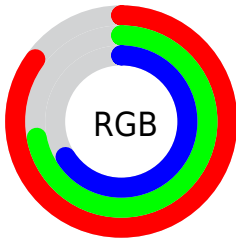
Format	Color
R _Y B	217, 192, 168
Decimal	14268584
CIE Lab	77.20, 9.35, 12.53
CIE LCh	77, 15.629, 53.266
Yxy	51.8598, 0.3546, 0.3482
Android (android.graphics.Color)	4292458664 (0xFFD9B8A8)
YUV	192.0430, -11.8532, 21.8873
Hunter-Lab	72.0137, 4.8832, 13.9664

Details

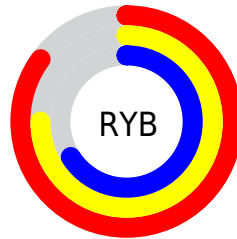
The Yxy color **51.8598, 0.3546, 0.3482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.0668, 0.2779, 0.3090**, and the grayscale version is **52.7969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **25.1749, 0.3668, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **45.3664, 0.3786, 0.3573**, and if you desaturate by 10%, it is **59.1181, 0.3341, 0.3394**.

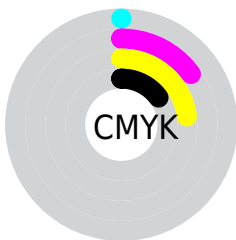
Distribution



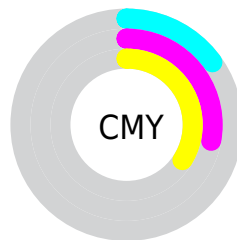
- Red (85%)
- Green (72%)
- Blue (66%)



- Red (85%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8598, 0.3546, 0.3482 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 51.8598, 0.3546, 0.3482 by changing the saturation by 10% instead.


 51.8598, 0.3546,
0.3482


 51.8598, 0.3546,
0.3482


393.8951, 0.3339,
0.3391

 36.8933, 0.3597,
0.3503


 92.9244, 0.3471,
0.3450

 25.1249, 0.3662,
0.3530


 119.7914, 0.3443,
0.3438

 16.1701, 0.3747,
0.3563


151.3940, 0.3419,
0.3427

 9.6446, 0.3865,
0.3607

188.1166, 0.3399,
0.3418

 5.1640, 0.4036,
0.3666

230.3436, 0.3381,
0.3410

 2.3438, 0.4307,
0.3748

278.4595, 0.3365,

 0.7967, 0.5550,

0.3403

0.4450

332.8485, 0.3351,
0.3397

0.0000, 0.0000,
0.0000

51.8598, 0.3546,
0.3482

51.8598, 0.3546,
0.3482

45.3664, 0.3786,
0.3573

59.1181, 0.3341,
0.3394

39.6053, 0.4065,
0.3661

67.1586, 0.3167,
0.3311

34.5518, 0.4381,
0.3741

76.0067, 0.3020,
0.3233

30.1770, 0.4727,
0.3802

85.6846, 0.2896,
0.3162

26.4501, 0.5086,
0.3833

93.4853, 0.2900,
0.3289

■ 23.3371, 0.5431,
0.3820

■ 20.8005, 0.5729,
0.3758

■ 19.2580, 0.5911,
0.3689

Harmonies

Analogous

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



51.8598, 0.3492, 0.3307



51.8598, 0.3546, 0.3482



51.8598, 0.3483, 0.3615

Triad

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



51.8598, 0.3546, 0.3482



51.8598, 0.2916, 0.3452



51.8598, 0.2924, 0.2939

Complementary

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



51.8598, 0.3546, 0.3482



55.0668, 0.2779, 0.3090

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.



51.8598, 0.2779, 0.2964



51.8598, 0.3546, 0.3482



51.8598, 0.2775, 0.3256

Square

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



51.8598, 0.3546, 0.3482



51.8598, 0.3116, 0.3605



51.8598, 0.2726, 0.3077



51.8598, 0.3127, 0.3001

Rectangle

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



51.8598, 0.3546, 0.3482



51.8598, 0.3385, 0.3659



51.8598, 0.2726, 0.3077



51.8598, 0.2867, 0.2937

Sweetspot

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



51.8622, 0.3546, 0.3482



91.4817, 0.3242, 0.3347



46.9831, 0.3284, 0.2901



19.4294, 0.3252, 0.3352



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.



51.8622, 0.3546, 0.3482



70.2639, 0.3654, 0.3524



62.6736, 0.3487, 0.3754



13.7445, 0.3283, 0.3367



11.8349, 0.5885, 0.3709



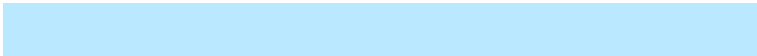
0.9211, 0.5565, 0.3963

Inverse Universe

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



55.0668, 0.2779, 0.3090



75.6465, 0.2708, 0.3043



44.7604, 0.2755, 0.2779



14.0734, 0.2982, 0.3212



15.6657, 0.1941, 0.2188



1.1696, 0.1997, 0.2389

Previews

White Background



This preview shows how the Yxy color 51.8598, 0.3546, 0.3482 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 51.8598, 0.3546, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

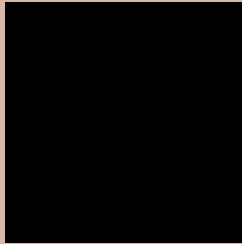
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8598, 0.3546, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 51.8598, 0.3546, 0.3482.



This preview shows how white text looks on a background with the Yxy color 51.8598, 0.3546, 0.3482.

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

51.8598, 0.3546, 0.3482

Protanopia

51.9093, 0.3351, 0.3527

Deuteranopia

51.8598, 0.3546, 0.3482



Tritanopia

51.7532, 0.3359, 0.3128

Trichromacy



Original Color

51.8598, 0.3546, 0.3482

Protanomaly

51.9905, 0.3423, 0.3511

Deuteranomaly

51.8598, 0.3546, 0.3482

Tritanomaly

51.6106, 0.3425, 0.3244

Monochromacy



Original Color

51.8598, 0.3546, 0.3482

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2316, 0.3274, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8598, 0.3546, 0.3482 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, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(217, 184, 168)  
}
```

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, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 51.8598, 0.3546, 0.3482 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, 184, 168) }
```

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

```
.border{ border-color:rgb(217, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(217, 184,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8598, 0.3546, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 184, 168) }
```

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

```
.background{ background-color: rgb(217,  
184, 168) }
```

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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