

Converting Colors

Yxy(53.0800, 0.3985, 0.3481)

Have a look what the booklet for
Yxy(53.0800, 0.3985, 0.3481)
contains.

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Color

Yxy(53.1816, 0.3992, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	FBAE9C
RGB	251, 174, 156
RGB Percent	98%, 68%, 61%
CMY	0.0157, 0.3176, 0.3883
CMYK	0.00, 0.31, 0.38, 0.02
HSL	11°, 92%, 80%
HSV	11°, 38%, 98%
XYZ	60.9185, 53.1816, 38.5013
YIQ	194.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

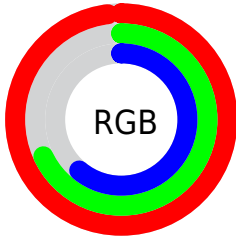
Format	Color
R _Y B	251, 178, 156
Decimal	16494236
CIE Lab	77.98, 26.00, 20.61
CIE LCh	78, 33.178, 38.403
Yxy	53.1816, 0.3992, 0.3485
Android (android.graphics.Color)	4294684316 (0xFFFB AE9C)
YUV	194.9710, -19.2127, 49.1374
Hunter-Lab	72.9257, 21.4900, 19.7457

Details

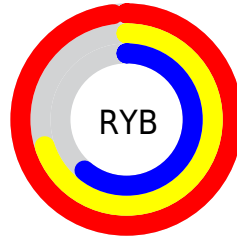
The Yxy color **53.1816, 0.3992, 0.3485** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.2955, 0.2568, 0.3082**, and the grayscale version is **54.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5568, 0.3428, 0.3482**, and **25.9011, 0.4220, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **45.1468, 0.4335, 0.3534**, and if you desaturate by 10%, it is **62.5871, 0.3701, 0.3432**.

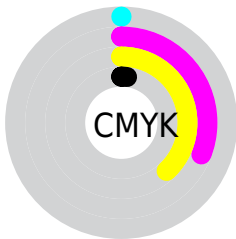
Distribution



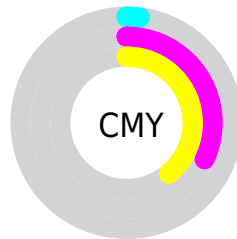
- Red (98%)
- Green (68%)
- Blue (61%)



- Red (98%)
- Yellow (70%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1816, 0.3992, 0.3485 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 53.1816, 0.3992, 0.3485 by changing the saturation by 10% instead.


 53.1816, 0.3992,
0.3485

 53.1816, 0.3992,
0.3485


398.9815, 0.3565,
0.3405

 37.9478, 0.4096,
0.3500


 94.8715, 0.3839,
0.3460

 25.9421, 0.4228,
0.3516

 122.0964, 0.3780,
0.3449

 16.7804, 0.4399,
0.3532


154.0871, 0.3731,
0.3440

 10.0780, 0.4632,
0.3546

191.2280, 0.3688,
0.3431

 5.4507, 0.4959,
0.3549

233.9035, 0.3651,
0.3423

 2.5141, 0.5462,
0.3520

282.4980, 0.3619,

 0.8837, 0.6507,

0.3417

0.3493

337.3958, 0.3590,
0.3410

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1816, 0.3992,
0.3485

53.1816, 0.3992,
0.3485

45.1468, 0.4335,
0.3534

62.5871, 0.3701,
0.3432

38.4108, 0.4725,
0.3572

73.4155, 0.3459,
0.3378

32.9066, 0.5145,
0.3590

85.7258, 0.3259,
0.3328

28.5581, 0.5561,
0.3579

99.2484, 0.3102,
0.3290

■ 25.2803, 0.5920,
0.3533

■ 22.9742, 0.6177,
0.3458

■ 22.5904, 0.6221,
0.3442

Harmonies

Analogous

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



53.1816, 0.3758, 0.3130



53.1816, 0.3992, 0.3485



53.1816, 0.3971, 0.3821

Triad

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



53.1816, 0.3992, 0.3485



53.1816, 0.2871, 0.3831



53.1816, 0.2540, 0.2578

Complementary

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



53.1816, 0.3992, 0.3485



72.2955, 0.2568, 0.3082

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.



53.1816, 0.2341, 0.2700



53.1816, 0.3992, 0.3485



53.1816, 0.2520, 0.3416

Square

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



53.1816, 0.3992, 0.3485



53.1816, 0.3308, 0.4070



53.1816, 0.2333, 0.2995



53.1816, 0.2899, 0.2628

Rectangle

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



53.1816, 0.3992, 0.3485



53.1816, 0.3821, 0.3992



53.1816, 0.2333, 0.2995



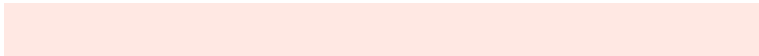
53.1816, 0.2453, 0.2599

Sweetspot

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



53.1842, 0.3992, 0.3485



84.6689, 0.3318, 0.3343



50.1980, 0.3317, 0.2505



17.7467, 0.3345, 0.3350



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.



53.1842, 0.3992, 0.3485



49.0069, 0.4233, 0.3521



74.5739, 0.3804, 0.3961



17.7578, 0.3289, 0.3336



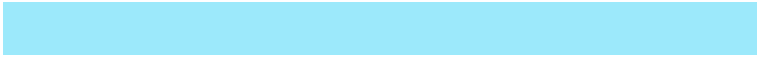
12.0297, 0.6197, 0.3461



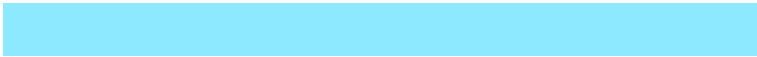
1.2520, 0.5984, 0.3631

Inverse Universe

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



72.2955, 0.2568, 0.3082



71.2280, 0.2477, 0.3036



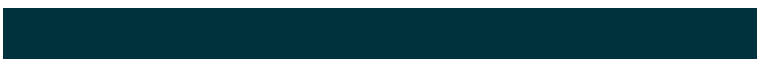
49.1808, 0.2484, 0.2508



19.0160, 0.2980, 0.3244



26.4135, 0.2075, 0.2670



2.5855, 0.2098, 0.2752

Previews

White Background



This preview shows how the Yxy color 53.1816, 0.3992, 0.3485 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 53.1816, 0.3992, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

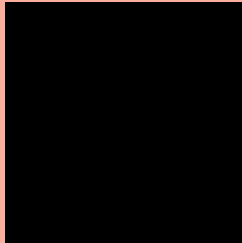
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1816, 0.3992, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 53.1816, 0.3992, 0.3485.



This preview shows how white text looks on a background with the Yxy color 53.1816, 0.3992, 0.3485.

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

53.1816, 0.3992, 0.3485

Protanopia

53.5531, 0.3427, 0.3635

Deuteranopia

53.4585, 0.3731, 0.3663



Tritanopia

53.2392, 0.3780, 0.3155

Trichromacy



Original Color

53.1816, 0.3992, 0.3485

Protanomaly

52.9421, 0.3619, 0.3574

Deuteranomaly

53.3149, 0.3817, 0.3597

Tritanomaly

53.0256, 0.3862, 0.3271

Monochromacy



Original Color

53.1816, 0.3992, 0.3485

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.3239, 0.3413, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1816, 0.3992, 0.3485 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(251, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(251, 174, 156)  
}
```

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(251, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 174, 156) }
```

Border

The CSS property to change the border of an element to Yxy 53.1816, 0.3992, 0.3485 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(251, 174, 156) }
```

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

```
.border{ border-color:rgb(251, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(251, 174,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1816, 0.3992, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 174, 156) }
```

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

```
.background{ background-color: rgb(251,  
174, 156) }
```

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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