

Converting Colors

$Y_{xy}(53.7750, 0.3975, 0.3507)$

Have a look what the booklet for
Yxy(53.7750, 0.3975, 0.3507)
contains.

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Color

Yxy(53.7750, 0.3975, 0.3507)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FAB09C |
| RGB | 250, 176, 156 |
| RGB Percent | 98%, 69%, 61% |
| CMY | 0.0196, 0.3098, 0.3883 |
| CMYK | 0.00, 0.30, 0.38, 0.02 |
| HSL | 13°, 90%, 80% |
| HSV | 13°, 38%, 98% |
| XYZ | 60.9511, 53.7750, 38.6101 |
| YIQ | 195.8460, 50.5240, 9.4680 |

Conversions

Conversions Part 2

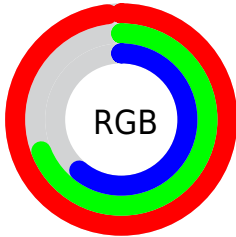
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 250, 181, 156 |
| Decimal | 16429212 |
| CIE Lab | 78.33, 24.58, 21.08 |
| CIE LCh | 78, 32.377, 40.618 |
| Yxy | 53.7750, 0.3975, 0.3507 |
| Android (android.graphics.Color) | 4294619292 (0xFFFAB09C) |
| YUV | 195.8460, -19.6441, 47.4931 |
| Hunter-Lab | 73.3314, 20.0344, 20.1150 |

Details

The Yxy color **53.7750, 0.3975, 0.3507** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.5529, 0.2568, 0.3058**, and the grayscale version is **55.2030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6764, 0.3425, 0.3501**, and **26.2622, 0.4195, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **45.8508, 0.4309, 0.3562**, and if you desaturate by 10%, it is **62.9970, 0.3690, 0.3447**.

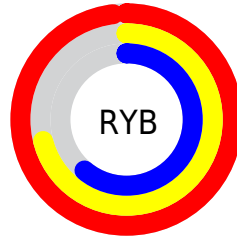
Distribution



Red (98%)

Green (69%)

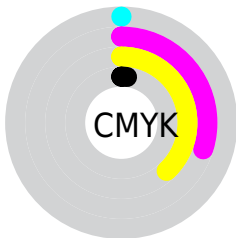
Blue (61%)



Red (98%)

Yellow (71%)

Blue (61%)

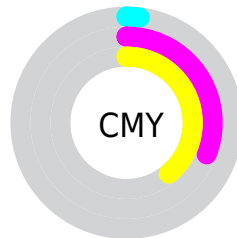


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7750, 0.3975, 0.3507 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 53.7750, 0.3975, 0.3507 by changing the saturation by 10% instead.


 53.7750, 0.3975,
0.3507

 53.7750, 0.3975,
0.3507


401.2514, 0.3557,
0.3416

 38.4218, 0.4076,
0.3525


 95.7438, 0.3825,
0.3478

 26.3102, 0.4205,
0.3544


 123.1282, 0.3768,
0.3466

 17.0559, 0.4372,
0.3565


155.2918, 0.3720,
0.3455

 10.2743, 0.4597,
0.3585

192.6190, 0.3678,
0.3445

 5.5812, 0.4915,
0.3597

235.4941, 0.3642,
0.3437

 2.5922, 0.5400,
0.3583

284.3017, 0.3610,

 0.9227, 0.6413,

0.3429

0.3587

339.4260, 0.3582,
0.3422

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7750, 0.3975,
0.3507

53.7750, 0.3975,
0.3507

45.8508, 0.4309,
0.3562

62.9970, 0.3690,
0.3447

39.1581, 0.4690,
0.3606

73.5640, 0.3452,
0.3388

33.6360, 0.5100,
0.3629

85.5302, 0.3254,
0.3331

29.2155, 0.5508,
0.3621

98.8810, 0.3096,
0.3287

■ 25.8195, 0.5866,
0.3574

■ 99.0655, 0.3096,
0.3290

■ 23.3592, 0.6129,
0.3494

■ 22.8939, 0.6180,
0.3475

Harmonies

Analogous

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



53.7750, 0.3765, 0.3160



53.7750, 0.3975, 0.3507



53.7750, 0.3936, 0.3830

Triad

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



53.7750, 0.3975, 0.3507



53.7750, 0.2850, 0.3789



53.7750, 0.2576, 0.2595

Complementary

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



53.7750, 0.3975, 0.3507



70.5529, 0.2568, 0.3058

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.



53.7750, 0.2369, 0.2701



53.7750, 0.3975, 0.3507



53.7750, 0.2517, 0.3381

Square

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



53.7750, 0.3975, 0.3507



53.7750, 0.3272, 0.4038



53.7750, 0.2348, 0.2978



53.7750, 0.2936, 0.2655

Rectangle

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



53.7750, 0.3975, 0.3507



53.7750, 0.3781, 0.3988



53.7750, 0.2348, 0.2978



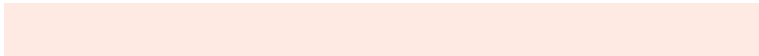
53.7750, 0.2488, 0.2611

Sweetspot

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



53.7776, 0.3975, 0.3507



85.0379, 0.3317, 0.3350



49.8766, 0.3329, 0.2525



17.8341, 0.3344, 0.3357



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.



53.7776, 0.3975, 0.3507



49.9586, 0.4219, 0.3549



74.8613, 0.3793, 0.3972



17.8242, 0.3289, 0.3341



12.3107, 0.6155, 0.3495



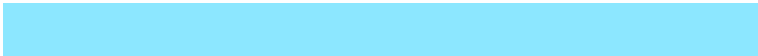
1.2872, 0.5934, 0.3670

Inverse Universe

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



70.5529, 0.2568, 0.3058



69.7242, 0.2471, 0.3004



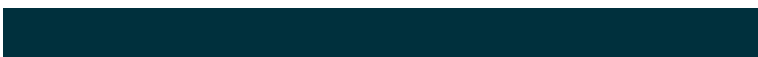
48.3278, 0.2485, 0.2495



18.9442, 0.2980, 0.3238



25.0023, 0.2053, 0.2589



2.4666, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 53.7750, 0.3975, 0.3507 looks on a white background.

Color Contrast Check

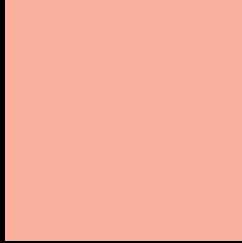
Large Text (above 18pt) WCAG AA × Fail

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 53.7750, 0.3975, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

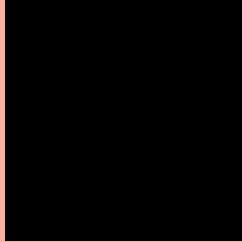
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7750, 0.3975, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 53.7750, 0.3975, 0.3507.



This preview shows how white text looks on a background with the Yxy color 53.7750, 0.3975, 0.3507.

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

53.7750, 0.3975, 0.3507

Protanopia

54.1376, 0.3434, 0.3646

Deuteranopia

53.7818, 0.3749, 0.3661



Tritanopia

53.8905, 0.3747, 0.3155

Trichromacy



Original Color

53.7750, 0.3975, 0.3507

Protanomaly

53.5214, 0.3624, 0.3585

Deuteranomaly

53.4846, 0.3826, 0.3596

Tritanomaly

53.6386, 0.3838, 0.3281

Monochromacy



Original Color

53.7750, 0.3975, 0.3507

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3303, 0.3418, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7750, 0.3975, 0.3507 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(250, 176, 156)` looks like.

```
.text, #text, p{  
    color:rgb(250, 176, 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(250, 176, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 176, 156) }
```

Border

The CSS property to change the border of an element to Yxy 53.7750, 0.3975, 0.3507 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(250, 176, 156) }
```

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

```
.border{ border-color:rgb(250, 176, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 176, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 176, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 176, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 176,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7750, 0.3975, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 176, 156) }
```

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

```
.background{ background-color: rgb(250,  
176, 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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