

# Converting Colors

Yxy(53.7410, 0.3825, 0.3503)

Have a look what the booklet for  
Yxy(53.7410, 0.3825, 0.3503)  
contains.

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# Color

**Yxy(53.7410, 0.3825, 0.3503)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B4A1
RGB	240, 180, 161
RGB Percent	94%, 71%, 63%
CMY	0.0589, 0.2940, 0.3687
CMYK	0.00, 0.25, 0.33, 0.06
HSL	14°, 72%, 79%
HSV	14°, 33%, 94%
XYZ	58.6809, 53.7410, 40.9923
YIQ	195.7740, 41.8590, 6.8110

# Conversions

## Conversions Part 2

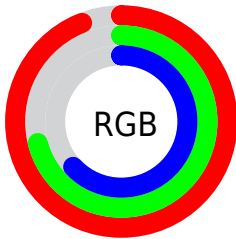
Format	Color
RYB	240, 186, 161
Decimal	15774881
CIELab	78.31, 19.24, 18.19
CIELCh	78, 26.478, 43.392
Yxy	53.7410, 0.3825, 0.3503
Android (android.graphics.Color)	4293964961 (0xFFFF0B4A1)
YUV	195.7740, -17.1436, 38.7862
Hunter-Lab	73.3083, 14.5942, 18.1622

# Details

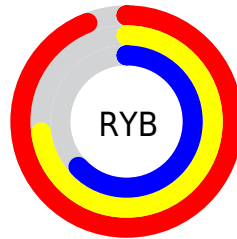
The Yxy color **53.7410, 0.3825, 0.3503** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5454, 0.2630, 0.3064**, and the grayscale version is **55.1455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2088, 0.3385, 0.3490**, and **26.2280, 0.4014, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **46.0982, 0.4128, 0.3569**, and if you desaturate by 10%, it is **62.5178, 0.3568, 0.3435**.

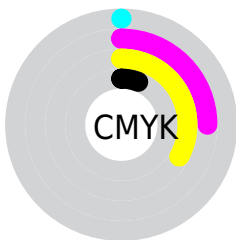
# Distribution



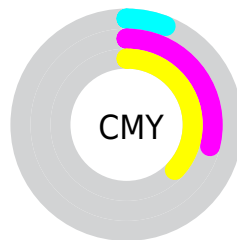
- Red (94%)
- Green (71%)
- Blue (63%)



- Red (94%)
- Yellow (73%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (6%)




- Cyan (6%)
- Magenta (29%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7410, 0.3825, 0.3503 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 53.7410, 0.3825, 0.3503 by changing the saturation by 10% instead.





 53.7410, 0.3825,  
0.3503


 53.7410, 0.3825,  
0.3503


401.1216, 0.3481,  
0.3409

 38.3946, 0.3909,  
0.3523


 95.6939, 0.3701,  
0.3472

 26.2891, 0.4015,  
0.3546


 123.0691, 0.3655,  
0.3459

 17.0401, 0.4154,  
0.3573

155.2228, 0.3615,  
0.3448

 10.2631, 0.4342,  
0.3605

192.5394, 0.3581,  
0.3438

 5.5737, 0.4611,  
0.3637

235.4031, 0.3551,  
0.3430

 2.5877, 0.5019,  
0.3659

284.1985, 0.3525,

 0.9205, 0.6118,

0.3422

0.3882

339.3098, 0.3502,  
0.3415

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.7410, 0.3825,  
0.3503

53.7410, 0.3825,  
0.3503

46.0982, 0.4128,  
0.3569

62.5178, 0.3568,  
0.3435

39.5351, 0.4477,  
0.3626

72.4648, 0.3353,  
0.3369

34.0041, 0.4864,  
0.3666

83.6263, 0.3173,  
0.3307

29.4510, 0.5265,  
0.3678

95.9137, 0.3035,  
0.3269

■ 25.8163, 0.5644,  
0.3652

■ 97.2600, 0.3035,  
0.3290

■ 23.0332, 0.5955,  
0.3585

■ 21.5286, 0.6122,  
0.3521

# Harmonies

## Analogous

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



53.7410, 0.3671, 0.3212



53.7410, 0.3825, 0.3503



53.7410, 0.3778, 0.3761

# Triad

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



53.7410, 0.3825, 0.3503



53.7410, 0.2873, 0.3667



53.7410, 0.2697, 0.2712

# Complementary

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



53.7410, 0.3825, 0.3503



65.5454, 0.2630, 0.3064

# 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.



53.7410, 0.2509, 0.2793



53.7410, 0.3825, 0.3503



53.7410, 0.2605, 0.3336

# Square

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



53.7410, 0.3825, 0.3503



53.7410, 0.3218, 0.3884



53.7410, 0.2476, 0.3013



53.7410, 0.3005, 0.2773



# Rectangle

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



53.7410, 0.3825, 0.3503



53.7410, 0.3643, 0.3877



53.7410, 0.2476, 0.3013



53.7410, 0.2618, 0.2723

# Sweetspot

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



53.7435, 0.3825, 0.3503



86.7316, 0.3298, 0.3351



49.2549, 0.3321, 0.2647



18.1895, 0.3324, 0.3360



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.



53.7435, 0.3825, 0.3503



56.0919, 0.4008, 0.3544



71.7079, 0.3690, 0.3911



16.3772, 0.3287, 0.3348



11.9605, 0.6095, 0.3542



1.1449, 0.5842, 0.3743

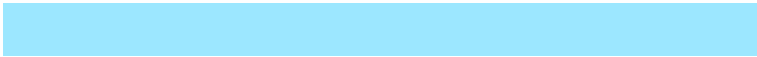


# Inverse Universe

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



65.5454, 0.2630, 0.3064



71.4149, 0.2544, 0.3015



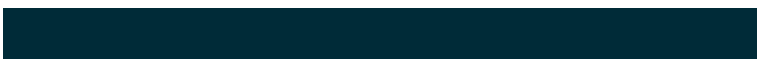
47.3417, 0.2569, 0.2579



17.2458, 0.2981, 0.3232



22.0130, 0.2026, 0.2492



1.9840, 0.2058, 0.2609



# Previews

## White Background



This preview shows how the Yxy color 53.7410, 0.3825, 0.3503 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

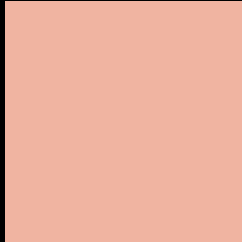
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.7410, 0.3825, 0.3503 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 53.7410, 0.3825, 0.3503**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.7410, 0.3825, 0.3503.



This preview shows how white text looks on a background with the Yxy color 53.7410, 0.3825, 0.3503.

# 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

53.7410, 0.3825, 0.3503

### Protanopia

54.2481, 0.3410, 0.3609

### Deuteranopia

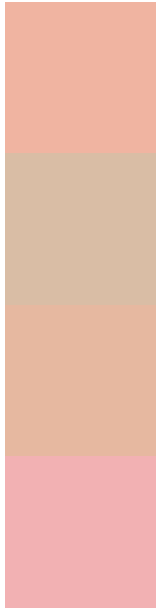
54.0863, 0.3677, 0.3605



## Tritanopia

53.7795, 0.3612, 0.3150

# Trichromacy



**Original Color**

53.7410, 0.3825, 0.3503

**Protanomaly**

53.8635, 0.3559, 0.3576

**Deuteranomaly**

53.6420, 0.3731, 0.3566

**Tritanomaly**

53.5762, 0.3691, 0.3270

# Monochromacy



**Original Color**

53.7410, 0.3825, 0.3503

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

54.2429, 0.3366, 0.3374

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.7410, 0.3825, 0.3503 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(240, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 161)  
}
```

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(240, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 161) }
```

## Border

The CSS property to change the border of an element to Yxy 53.7410, 0.3825, 0.3503 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(240, 180, 161) }
```

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

```
.border{ border-color:rgb(240, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
161) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.7410, 0.3825, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 161) }
```

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

```
.background{ background-color: rgb(240,  
180, 161) }
```

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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