

Converting Colors

Yxy(53.7351, 0.3773, 0.3489)

Have a look what the booklet for
Yxy(53.7351, 0.3773, 0.3489)
contains.

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Color

Yxy(53.6966, 0.3777, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	EDB5A3
RGB	237, 181, 163
RGB Percent	93%, 71%, 64%
CMY	0.0706, 0.2902, 0.3607
CMYK	0.00, 0.24, 0.31, 0.07
HSL	15°, 67%, 78%
HSV	15°, 31%, 93%
XYZ	58.0624, 53.6966, 41.9673
YIQ	195.6920, 39.1540, 6.2740

Conversions

Conversions Part 2

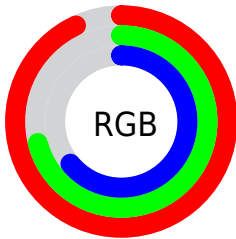
Format	Color
RYB	237, 187, 163
Decimal	15578531
CIELab	78.28, 17.85, 17.01
CIElCh	78, 24.657, 43.615
Yxy	53.6966, 0.3777, 0.3493
Android (android.graphics.Color)	4293768611 (0xFFEDB5A3)
YUV	195.6920, -16.1172, 36.2271
Hunter-Lab	73.2780, 13.1996, 17.3384

Details

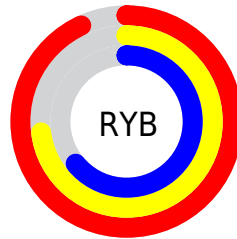
The Yxy color **53.6966, 0.3777, 0.3493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5824, 0.2654, 0.3076**, and the grayscale version is **55.0911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8903, 0.3371, 0.3479**, and **26.2893, 0.3960, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **46.0947, 0.4071, 0.3560**, and if you desaturate by 10%, it is **62.4024, 0.3528, 0.3425**.

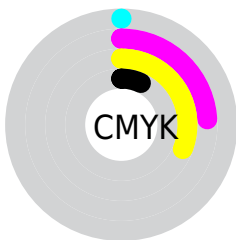
Distribution



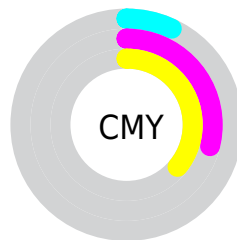
- Red (93%)
- Green (71%)
- Blue (64%)



- Red (93%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6966, 0.3777, 0.3493 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 53.6966, 0.3777, 0.3493 by changing the saturation by 10% instead.


 53.6966, 0.3777,
0.3493


 53.6966, 0.3777,
0.3493


400.9520, 0.3457,
0.3402

 38.3592, 0.3855,
0.3512


 95.6286, 0.3662,
0.3462

 26.2616, 0.3954,
0.3535


 122.9920, 0.3618,
0.3450

 17.0194, 0.4084,
0.3563


155.1328, 0.3581,
0.3440

 10.2483, 0.4260,
0.3595

192.4354, 0.3549,
0.3430

 5.5639, 0.4513,
0.3631

235.2842, 0.3522,
0.3422

 2.5818, 0.4899,
0.3661

284.0637, 0.3497,

 0.9175, 0.6039,

0.3415

0.3961

339.1581, 0.3476,
0.3408

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6966, 0.3777,
0.3493

53.6966, 0.3777,
0.3493

46.0947, 0.4071,
0.3560

62.4024, 0.3528,
0.3425

39.5445, 0.4412,
0.3620

72.2465, 0.3320,
0.3359

34.0010, 0.4792,
0.3664

83.2710, 0.3146,
0.3297

29.4128, 0.5192,
0.3682

95.3301, 0.3017,
0.3268

■ 25.7234, 0.5577,
0.3663

■ 96.7451, 0.3017,
0.3290

■ 22.8700, 0.5902,
0.3603

■ 20.9895, 0.6117,
0.3525

Harmonies

Analogous

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



53.6966, 0.3635, 0.3221



53.6966, 0.3777, 0.3493



53.6966, 0.3733, 0.3732

Triad

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



53.6966, 0.3777, 0.3493



53.6966, 0.2888, 0.3638



53.6966, 0.2727, 0.2750

Complementary

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



53.6966, 0.3777, 0.3493



64.5824, 0.2654, 0.3076

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.



53.6966, 0.2550, 0.2825



53.6966, 0.3777, 0.3493



53.6966, 0.2639, 0.3331

Square

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



53.6966, 0.3777, 0.3493



53.6966, 0.3211, 0.3840



53.6966, 0.2518, 0.3032



53.6966, 0.3017, 0.2806

Rectangle

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



53.6966, 0.3777, 0.3493



53.6966, 0.3607, 0.3839



53.6966, 0.2518, 0.3032



53.6966, 0.2653, 0.2760

Sweetspot

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



53.6991, 0.3777, 0.3493



88.0207, 0.3279, 0.3345



49.3632, 0.3308, 0.2681



18.4488, 0.3306, 0.3355



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.



53.6991, 0.3777, 0.3493



57.9254, 0.3946, 0.3533



70.4188, 0.3658, 0.3878



15.6484, 0.3287, 0.3348



11.6305, 0.6090, 0.3547



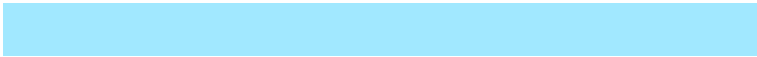
1.0600, 0.5822, 0.3760

Inverse Universe

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



64.5824, 0.2654, 0.3076



72.5164, 0.2571, 0.3029



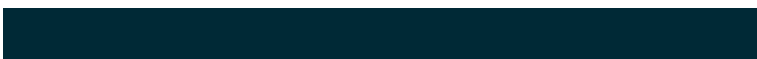
47.6701, 0.2601, 0.2622



16.4657, 0.2981, 0.3231



21.2465, 0.2024, 0.2486



1.8163, 0.2058, 0.2610

Previews

White Background



This preview shows how the Yxy color 53.6966, 0.3777, 0.3493 looks on a white background.

Color Contrast Check

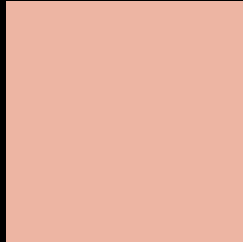
Large Text (above 18pt) WCAG AA × Fail

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 53.6966, 0.3777, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

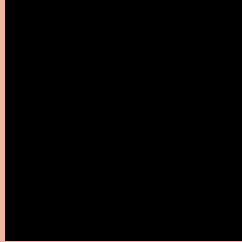
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6966, 0.3777, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 53.6966, 0.3777, 0.3493.



This preview shows how white text looks on a background with the Yxy color 53.6966, 0.3777, 0.3493.

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

53.6966, 0.3777, 0.3493

Protanopia

53.7010, 0.3396, 0.3585

Deuteranopia

53.9966, 0.3651, 0.3582



Tritanopia

53.7311, 0.3566, 0.3138

Trichromacy



Original Color

53.6966, 0.3777, 0.3493

Protanomaly

53.6323, 0.3524, 0.3553

Deuteranomaly

53.9646, 0.3702, 0.3555

Tritanomaly

53.5277, 0.3644, 0.3258

Monochromacy



Original Color

53.6966, 0.3777, 0.3493

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5712, 0.3348, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6966, 0.3777, 0.3493 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(237, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(237, 181, 163)  
}
```

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(237, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 181, 163) }
```

Border

The CSS property to change the border of an element to Yxy 53.6966, 0.3777, 0.3493 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(237, 181, 163) }
```

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

```
.border{ border-color:rgb(237, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(237, 181,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6966, 0.3777, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 181, 163) }
```

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

```
.background{ background-color: rgb(237,  
181, 163) }
```

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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