

Converting Colors

$Yxy(63.5448, 0.3537, 0.3472)$

Have a look what the booklet for
Yxy(63.5448, 0.3537, 0.3472)
contains.

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Color

Yxy(63.7484, 0.3535, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	EDCAB9
RGB	237, 202, 185
RGB Percent	93%, 79%, 73%
CMY	0.0704, 0.2079, 0.2745
CMYK	0.00, 0.15, 0.22, 0.07
HSL	20°, 59%, 83%
HSV	20°, 22%, 93%
XYZ	64.8118, 63.7484, 54.7829
YIQ	210.5270, 26.3170, 2.1330

Conversions

Conversions Part 2

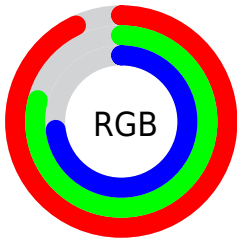
Format	Color
R_{YB}	237, 210, 185
Decimal	15583929
CIE Lab	83.83, 9.77, 13.06
CIE LCh	84, 16.307, 53.198
Yxy	63.7484, 0.3535, 0.3477
Android (android.graphics.Color)	4293774009 (0xFFEDCAB9)
YUV	210.5270, -12.5848, 23.2168
Hunter-Lab	79.8426, 5.1719, 15.2088

Details

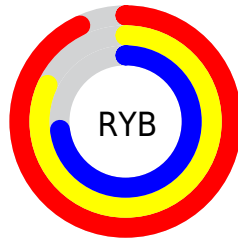
The Yxy color **63.7484, 0.3535, 0.3477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6385, 0.2787, 0.3095**, and the grayscale version is **64.8884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **32.6695, 0.3642, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **55.7253, 0.3775, 0.3568**, and if you desaturate by 10%, it is **72.7190, 0.3331, 0.3389**.

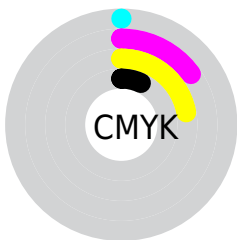
Distribution



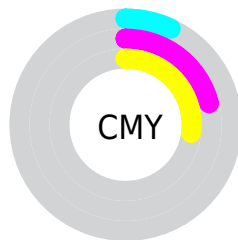
- Red (93%)
- Green (79%)
- Blue (73%)



- Red (93%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (7%)




- Cyan (7%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7484, 0.3535, 0.3477 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 63.7484, 0.3535, 0.3477 by changing the saturation by 10% instead.

 63.7484, 0.3535,
0.3477

 63.7484, 0.3535,
0.3477


438.2805, 0.3340,
0.3391

 46.4469, 0.3581,
0.3496


 110.2485, 0.3466,
0.3448

 32.5986, 0.3638,
0.3520


140.2159, 0.3440,
0.3436

 21.8192, 0.3712,
0.3549


175.1741, 0.3417,
0.3426

 13.7241, 0.3811,
0.3587

215.5075, 0.3398,
0.3417

 7.9290, 0.3949,
0.3636

261.6004, 0.3381,
0.3410

 4.0496, 0.4155,
0.3703

313.8373, 0.3366,

 1.7013, 0.4506,

0.3403

0.3806

372.6025, 0.3352,
0.3397

0.4245, 0.6019,
0.3981

0.0000, 0.0000,
0.0000

63.7484, 0.3535,
0.3477

63.7484, 0.3535,
0.3477

55.7253, 0.3775,
0.3568

72.7190, 0.3331,
0.3389

48.6093, 0.4054,
0.3657

82.6586, 0.3158,
0.3306

42.3697, 0.4370,
0.3738

93.5274, 0.3018,
0.3239

36.9707, 0.4717,
0.3800

96.7515, 0.3018,
0.3290

■ 32.3740, 0.5079,
0.3831

■ 28.5374, 0.5427,
0.3819

■ 25.4144, 0.5727,
0.3758

■ 23.3780, 0.5922,
0.3680

Harmonies

Analogous

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



63.7484, 0.3482, 0.3306



63.7484, 0.3535, 0.3477



63.7484, 0.3474, 0.3606

Triad

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



63.7484, 0.3535, 0.3477



63.7484, 0.2921, 0.3449



63.7484, 0.2929, 0.2948

Complementary

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



63.7484, 0.3535, 0.3477



67.6385, 0.2787, 0.3095

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.



63.7484, 0.2788, 0.2973



63.7484, 0.3535, 0.3477



63.7484, 0.2784, 0.3257

Square

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



63.7484, 0.3535, 0.3477



63.7484, 0.3117, 0.3597



63.7484, 0.2736, 0.3083



63.7484, 0.3127, 0.3008

Rectangle

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



63.7484, 0.3535, 0.3477



63.7484, 0.3379, 0.3649



63.7484, 0.2736, 0.3083



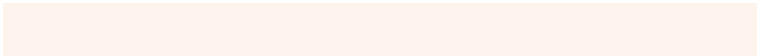
63.7484, 0.2874, 0.2946

Sweetspot

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



63.7513, 0.3535, 0.3477



91.4723, 0.3242, 0.3347



57.9035, 0.3280, 0.2909



19.4272, 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.



63.7513, 0.3535, 0.3477



71.1892, 0.3630, 0.3515



76.7254, 0.3479, 0.3743



15.8575, 0.3285, 0.3368



12.9713, 0.5892, 0.3703



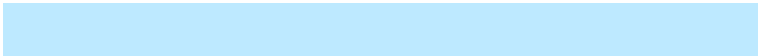
1.1881, 0.5623, 0.3917

Inverse Universe

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



67.6385, 0.2787, 0.3095



76.4745, 0.2723, 0.3054



55.2524, 0.2765, 0.2792



16.2445, 0.2981, 0.3211



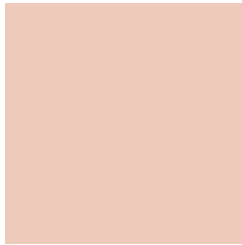
17.2373, 0.1941, 0.2188



1.5275, 0.1989, 0.2358

Previews

White Background



This preview shows how the Yxy color 63.7484, 0.3535, 0.3477 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 63.7484, 0.3535, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

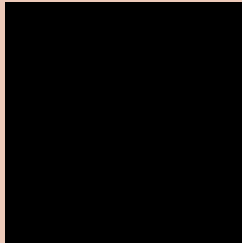
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7484, 0.3535, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 63.7484, 0.3535, 0.3477.



This preview shows how white text looks on a background with the Yxy color 63.7484, 0.3535, 0.3477.

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

63.7484, 0.3535, 0.3477

Protanopia

64.1372, 0.3346, 0.3530

Deuteranopia

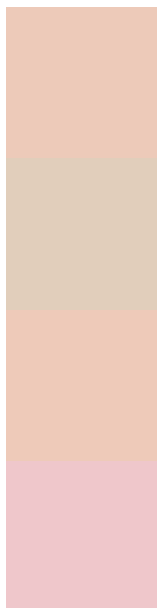
63.9210, 0.3543, 0.3477



Tritanopia

63.7175, 0.3348, 0.3131

Trichromacy



Original Color

63.7484, 0.3535, 0.3477

Protanomaly

63.7380, 0.3414, 0.3505

Deuteranomaly

63.9210, 0.3543, 0.3477

Tritanomaly

63.5094, 0.3416, 0.3248

Monochromacy



Original Color

63.7484, 0.3535, 0.3477

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5917, 0.3261, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7484, 0.3535, 0.3477 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, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 185)  
}
```

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, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 185) }
```

Border

The CSS property to change the border of an element to Yxy 63.7484, 0.3535, 0.3477 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, 202, 185) }
```

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

```
.border{ border-color:rgb(237, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 185);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7484, 0.3535, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 202, 185) }
```

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

```
.background{ background-color: rgb(237,  
202, 185) }
```

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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