

Converting Colors

Yxy(64.1687, 0.3643, 0.3656)

Have a look what the booklet for
Yxy(64.1687, 0.3643, 0.3656)
contains.

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Color

Yxy(64.1305, 0.3638, 0.3653)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDCCAB |
| RGB | 237, 204, 171 |
| RGB Percent | 93%, 80%, 67% |
| CMY | 0.0707, 0.2000, 0.3293 |
| CMYK | 0.00, 0.14, 0.28, 0.07 |
| HSL | 30°, 65%, 80% |
| HSV | 30°, 28%, 93% |
| XYZ | 63.8672, 64.1305, 47.5580 |
| YIQ | 210.1050, 30.2610, -3.2670 |

Conversions

Conversions Part 2

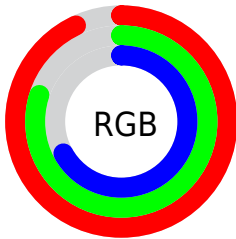
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 237, 237, 171 |
| Decimal | 15584427 |
| CIE Lab | 84.03, 6.76, 20.73 |
| CIE LCh | 84, 21.801, 71.930 |
| Yxy | 64.1305, 0.3638, 0.3653 |
| Android (android.graphics.Color) | 4293774507 (0xFFEDCCAB) |
| YUV | 210.1050, -19.2788, 23.5869 |
| Hunter-Lab | 80.0815, 2.2159, 20.8465 |

Details

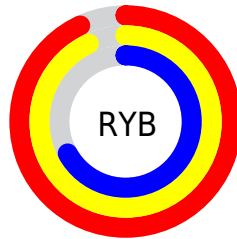
The Yxy color **64.1305, 0.3638, 0.3653** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.9669, 0.2683, 0.2897**, and the grayscale version is **64.6377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **32.8479, 0.3758, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **57.8883, 0.3868, 0.3789**, and if you desaturate by 10%, it is **70.9693, 0.3433, 0.3518**.

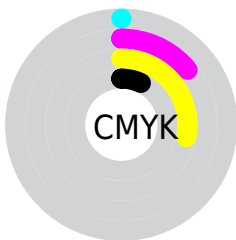
Distribution



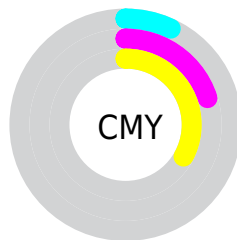
- Red (93%)
- Green (80%)
- Blue (67%)



- Red (93%)
- Yellow (93%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1305, 0.3638, 0.3653 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 64.1305, 0.3638, 0.3653 by changing the saturation by 10% instead.


 64.1305, 0.3638,
0.3653

 64.1305, 0.3638,
0.3653

439.6607, 0.3395,
0.3485

 46.7564, 0.3695,
0.3691


 110.7989, 0.3553,
0.3595

 32.8431, 0.3765,
0.3737


140.8619, 0.3520,
0.3572

 22.0063, 0.3855,
0.3796


175.9233, 0.3492,
0.3553

 13.8615, 0.3974,
0.3870

216.3676, 0.3467,
0.3536

 8.0244, 0.4137,
0.3968

262.5791, 0.3446,
0.3521

 4.1106, 0.4372,
0.4099

314.9422, 0.3427,

 1.7356, 0.4928,

0.3508

0.4450

373.8413, 0.3410,
0.3496

0.4466, 0.5690,
0.4310

0.0000, 0.0000,
0.0000

64.1305, 0.3638,
0.3653

64.1305, 0.3638,
0.3653

57.8883, 0.3868,
0.3789

70.9693, 0.3433,
0.3518

52.2156, 0.4121,
0.3918

78.4129, 0.3252,
0.3387

47.0961, 0.4391,
0.4031

86.4807, 0.3095,
0.3264

42.5092, 0.4669,
0.4116

94.4711, 0.3017,
0.3254

■ 38.4323, 0.4940,
0.4159

■ 96.7417, 0.3017,
0.3290

■ 34.8404, 0.5184,
0.4151

■ 31.7027, 0.5388,
0.4088

■ 31.0736, 0.5430,
0.4070

Harmonies

Analogous

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



64.1305, 0.3665, 0.3451



64.1305, 0.3638, 0.3653



64.1305, 0.3470, 0.3768

Triad

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



64.1305, 0.3638, 0.3653



64.1305, 0.2728, 0.3341



64.1305, 0.3021, 0.2877

Complementary

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



64.1305, 0.3638, 0.3653



57.9669, 0.2683, 0.2897

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.



64.1305, 0.2781, 0.2837



64.1305, 0.3638, 0.3653



64.1305, 0.2618, 0.3090

Square

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



64.1305, 0.3638, 0.3653



64.1305, 0.2943, 0.3590



64.1305, 0.2637, 0.2910



64.1305, 0.3300, 0.3015

Rectangle

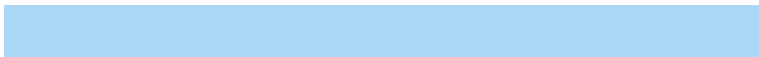
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1305, 0.3638, 0.3653



64.1305, 0.3305, 0.3772



64.1305, 0.2637, 0.2910



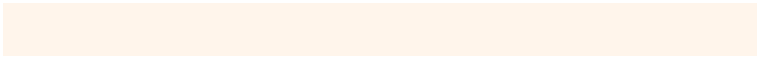
64.1305, 0.2934, 0.2851

Sweetspot

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



64.1334, 0.3638, 0.3653



92.4187, 0.3256, 0.3390



51.5546, 0.3426, 0.2918



19.4877, 0.3282, 0.3409



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.



64.1334, 0.3638, 0.3653



71.7445, 0.3757, 0.3725



80.8678, 0.3551, 0.3975



16.2984, 0.3280, 0.3408



17.2304, 0.5405, 0.4090



1.5454, 0.5192, 0.4259

Inverse Universe

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



57.9669, 0.2683, 0.2897



63.4127, 0.2595, 0.2809



44.3325, 0.2642, 0.2499



15.7934, 0.2981, 0.3169



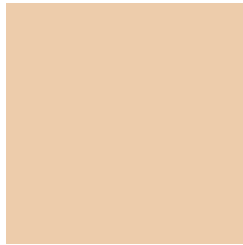
10.7401, 0.1772, 0.1580



1.0358, 0.1842, 0.1831

Previews

White Background



This preview shows how the Yxy color 64.1305, 0.3638, 0.3653 looks on a white background.

Color Contrast Check

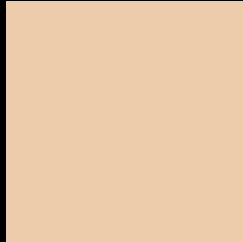
Large Text (above 18pt) WCAG AA × Fail

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 64.1305, 0.3638, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

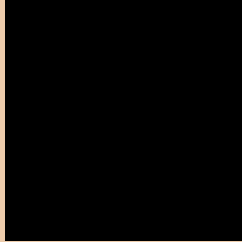
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1305, 0.3638, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 64.1305, 0.3638, 0.3653.



This preview shows how white text looks on a background with the Yxy color 64.1305, 0.3638, 0.3653.

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

64.1305, 0.3638, 0.3653

Protanopia

64.1865, 0.3481, 0.3689

Deuteranopia

64.2743, 0.3686, 0.3615



Tritanopia

64.0695, 0.3364, 0.3132

Trichromacy



Original Color

64.1305, 0.3638, 0.3653

Protanomaly

63.9737, 0.3533, 0.3674

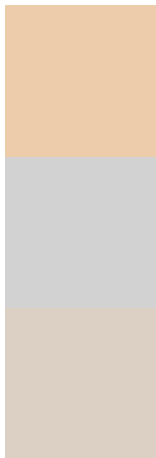
Deuteranomaly

64.3912, 0.3666, 0.3628

Tritanomaly

63.9110, 0.3461, 0.3313

Monochromacy



Original Color

64.1305, 0.3638, 0.3653

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.3129, 0.3305, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1305, 0.3638, 0.3653 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, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 171)  
}
```

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, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 171) }
```

Border

The CSS property to change the border of an element to Yxy 64.1305, 0.3638, 0.3653 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, 204, 171) }
```

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

```
.border{ border-color:rgb(237, 204, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 204, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1305, 0.3638, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 171) }
```

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

```
.background{ background-color: rgb(237,  
204, 171) }
```

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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