

Converting Colors

Yxy(64.9111, 0.3437, 0.3363)

Have a look what the booklet for
Yxy(64.9111, 0.3437, 0.3363)
contains.

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Color

Yxy(64.7476, 0.3440, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	EDCBC5
RGB	237, 203, 197
RGB Percent	93%, 80%, 77%
CMY	0.0704, 0.2040, 0.2275
CMYK	0.00, 0.14, 0.17, 0.07
HSL	9°, 53%, 85%
HSV	9°, 17%, 93%
XYZ	66.3682, 64.7476, 61.8151
YIQ	212.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

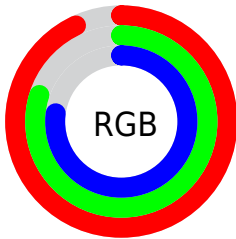
Format	Color
R _Y B	237, 204, 197
Decimal	15584197
CIE Lab	84.35, 11.03, 7.42
CIE LCh	84, 13.290, 33.928
Yxy	64.7476, 0.3440, 0.3356
Android (android.graphics.Color)	4293774277 (0xFFEDCBC5)
YUV	212.4820, -7.6326, 21.5023
Hunter-Lab	80.4659, 6.4114, 10.7787

Details

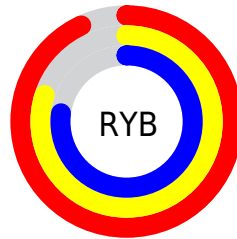
The Yxy color **64.7476, 0.3440, 0.3356** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1596, 0.2869, 0.3223**, and the grayscale version is **66.2203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **33.3018, 0.3524, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **54.8411, 0.3681, 0.3398**, and if you desaturate by 10%, it is **76.0679, 0.3242, 0.3316**.

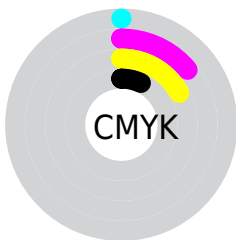
Distribution



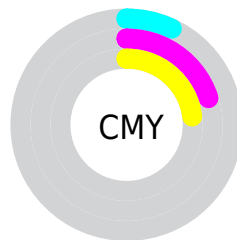
- Red (93%)
- Green (80%)
- Blue (77%)



- Red (93%)
- Yellow (80%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7476, 0.3440, 0.3356 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 64.7476, 0.3440, 0.3356 by changing the saturation by 10% instead.


 64.7476, 0.3440,
0.3356

 64.7476, 0.3440,
0.3356

441.8844, 0.3291,
0.3327

 47.2564, 0.3475,
0.3362


111.6869, 0.3388,
0.3346

 33.2384, 0.3519,
0.3370


141.9038, 0.3367,
0.3342

 22.3092, 0.3575,
0.3380


177.1315, 0.3350,
0.3339

 14.0842, 0.3651,
0.3391

217.7543, 0.3335,
0.3336

 8.1793, 0.3757,
0.3406

264.1566, 0.3322,
0.3333

 4.2099, 0.3915,
0.3425

316.7227, 0.3311,

 1.7916, 0.4178,

0.3331

0.3448

375.8372, 0.3300,
0.3329

0.4820, 0.5984,
0.3965

0.0000, 0.0000,
0.0000

64.7476, 0.3440,
0.3356

64.7476, 0.3440,
0.3356

54.8411, 0.3681,
0.3398

76.0679, 0.3242,
0.3316

46.2843, 0.3973,
0.3440

88.8454, 0.3080,
0.3279

39.0213, 0.4320,
0.3479

96.7519, 0.3018,
0.3290

32.9886, 0.4719,
0.3510

■ 28.1175, 0.5152,
0.3524

■ 24.3325, 0.5583,
0.3515

■ 21.5489, 0.5956,
0.3477

■ 19.6683, 0.6216,
0.3415

■ 19.2452, 0.6277,
0.3398

Harmonies

Analogous

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



64.7476, 0.3343, 0.3213



64.7476, 0.3440, 0.3356



64.7476, 0.3450, 0.3487

Triad

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



64.7476, 0.3440, 0.3356



64.7476, 0.3060, 0.3501



64.7476, 0.2885, 0.3016

Complementary

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



64.7476, 0.3440, 0.3356



75.1596, 0.2869, 0.3223

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.



64.7476, 0.2814, 0.3084



64.7476, 0.3440, 0.3356



64.7476, 0.2913, 0.3365

Square

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



64.7476, 0.3440, 0.3356



64.7476, 0.3227, 0.3576



64.7476, 0.2824, 0.3211



64.7476, 0.3021, 0.3020

Rectangle

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



64.7476, 0.3440, 0.3356



64.7476, 0.3406, 0.3549



64.7476, 0.2824, 0.3211



64.7476, 0.2853, 0.3031

Sweetspot

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



64.7505, 0.3440, 0.3356



92.4841, 0.3209, 0.3309



63.7484, 0.3186, 0.2925



19.5769, 0.3222, 0.3311



0.0000, 0.0000, 0.0000



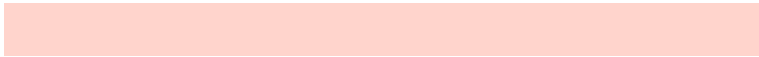
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.7505, 0.3440, 0.3356



72.5287, 0.3512, 0.3369



74.4745, 0.3406, 0.3561



15.4183, 0.3289, 0.3326



10.6199, 0.6257, 0.3414



0.9461, 0.6025, 0.3598

Inverse Universe

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



75.1596, 0.2869, 0.3223



86.7970, 0.2822, 0.3209



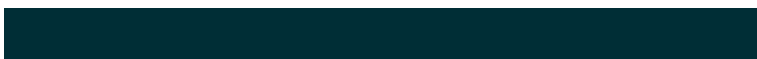
64.9103, 0.2859, 0.3004



16.7147, 0.2981, 0.3254



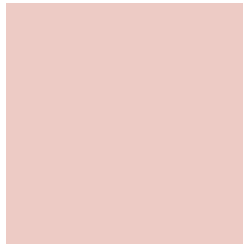
26.4212, 0.2113, 0.2808



2.1791, 0.2134, 0.2881

Previews

White Background



This preview shows how the Yxy color 64.7476, 0.3440, 0.3356 looks on a white background.

Color Contrast Check

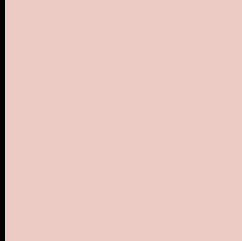
Large Text (above 18pt) WCAG AA × Fail

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 64.7476, 0.3440, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

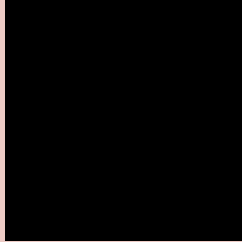
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7476, 0.3440, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 64.7476, 0.3440, 0.3356.

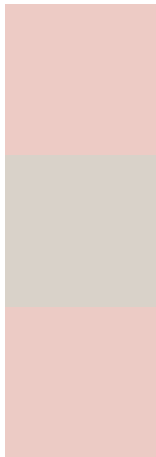


This preview shows how white text looks on a background with the Yxy color 64.7476, 0.3440, 0.3356.

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

64.7476, 0.3440, 0.3356

Protanopia

65.0619, 0.3243, 0.3392

Deuteranopia

64.5760, 0.3432, 0.3356



Tritanopia

64.6171, 0.3315, 0.3120

Trichromacy



Original Color

64.7476, 0.3440, 0.3356

Protanomaly

64.6431, 0.3308, 0.3369

Deuteranomaly

64.5760, 0.3432, 0.3356

Tritanomaly

64.5539, 0.3359, 0.3205

Monochromacy



Original Color

64.7476, 0.3440, 0.3356

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4781, 0.3232, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7476, 0.3440, 0.3356 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, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 203, 197)  
}
```

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, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 203, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.7476, 0.3440, 0.3356 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, 203, 197) }
```

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

```
.border{ border-color:rgb(237, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 203, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 203, 197); box-shadow:4px 4px 4px 4px rgb(237, 203, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7476, 0.3440, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 203, 197) }
```

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

```
.background{ background-color: rgb(237,  
203, 197) }
```

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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