

Converting Colors

Yxy(64.0658, 0.3448, 0.3346)

Have a look what the booklet for
Yxy(64.0658, 0.3448, 0.3346)
contains.

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Color

Yxy(64.2311, 0.3449, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	EDCAC4
RGB	237, 202, 196
RGB Percent	93%, 79%, 77%
CMY	0.0706, 0.2078, 0.2313
CMYK	0.00, 0.15, 0.17, 0.07
HSL	9°, 53%, 85%
HSV	9°, 17%, 93%
XYZ	66.0110, 64.2311, 61.1497
YIQ	211.7810, 22.7860, 5.5540

Conversions

Conversions Part 2

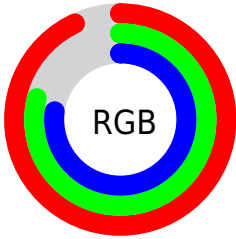
Format	Color
R_{YB}	237, 203, 196
Decimal	15583940
CIE _{Lab}	84.09, 11.38, 7.55
CIE _{LCh}	84, 13.661, 33.564
Yxy	64.2311, 0.3449, 0.3356
Android (android.graphics.Color)	4293774020 (0xFFEDCAC4)
YUV	211.7810, -7.7800, 22.1171
Hunter-Lab	80.1443, 6.7694, 10.8631

Details

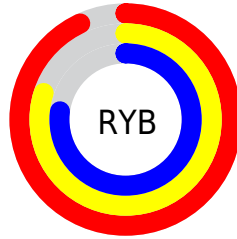
The Yxy color **64.2311, 0.3449, 0.3356** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0106, 0.2863, 0.3223**, and the grayscale version is **65.7289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **32.9566, 0.3537, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **54.3564, 0.3693, 0.3397**, and if you desaturate by 10%, it is **75.5273, 0.3249, 0.3317**.

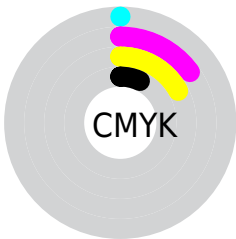
Distribution



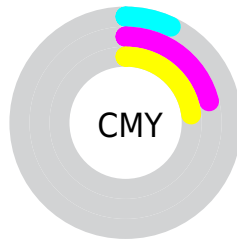
- Red (93%)
- Green (79%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2311, 0.3449, 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 64.2311, 0.3449, 0.3356 by changing the saturation by 10% instead.

 64.2311, 0.3449,
0.3356

 64.2311, 0.3449,
0.3356


440.0237, 0.3296,
0.3327

 46.8379, 0.3485,
0.3362


110.9437, 0.3395,
0.3346

 32.9075, 0.3530,
0.3370


141.0318, 0.3374,
0.3342

 22.0556, 0.3589,
0.3379


176.1204, 0.3356,
0.3339

 13.8978, 0.3667,
0.3391

216.5939, 0.3341,
0.3336

 8.0496, 0.3776,
0.3406

262.8365, 0.3327,
0.3333

 4.1267, 0.3941,
0.3424

315.2328, 0.3316,

 1.7447, 0.4215,

0.3331

374.1670, 0.3305,
0.3329

0.3445

0.4523, 0.6101,
0.3899

0.0000, 0.0000,
0.0000

64.2311, 0.3449,
0.3356

64.2311, 0.3449,
0.3356

54.3564, 0.3693,
0.3397

75.5273, 0.3249,
0.3317

45.8385, 0.3987,
0.3438

88.2892, 0.3086,
0.3280

38.6204, 0.4338,
0.3476

96.7451, 0.3017,
0.3290

32.6379, 0.4740,
0.3505

■ 27.8211, 0.5175,
0.3519

■ 24.0932, 0.5606,
0.3508

■ 21.3679, 0.5975,
0.3470

■ 19.5444, 0.6230,
0.3408

■ 19.1862, 0.6282,
0.3394

Harmonies

Analogous

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



64.2311, 0.3348, 0.3209



64.2311, 0.3449, 0.3356



64.2311, 0.3460, 0.3491

Triad

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



64.2311, 0.3449, 0.3356



64.2311, 0.3060, 0.3509



64.2311, 0.2876, 0.3008

Complementary

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



64.2311, 0.3449, 0.3356



75.0106, 0.2863, 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.



64.2311, 0.2804, 0.3079



64.2311, 0.3449, 0.3356



64.2311, 0.2908, 0.3369

Square

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



64.2311, 0.3449, 0.3356



64.2311, 0.3232, 0.3586



64.2311, 0.2816, 0.3210



64.2311, 0.3016, 0.3012

Rectangle

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



64.2311, 0.3449, 0.3356



64.2311, 0.3416, 0.3556



64.2311, 0.2816, 0.3210



64.2311, 0.2844, 0.3024

Sweetspot

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



64.2340, 0.3449, 0.3356



92.4556, 0.3209, 0.3308



63.2905, 0.3187, 0.2916



19.5699, 0.3222, 0.3311



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

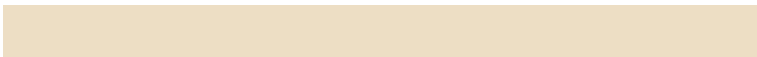
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.2340, 0.3449, 0.3356



71.2353, 0.3536, 0.3371



74.2196, 0.3413, 0.3568



15.4092, 0.3289, 0.3325



10.5893, 0.6262, 0.3410



0.9418, 0.6034, 0.3591

Inverse Universe

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



75.0106, 0.2863, 0.3223



86.3273, 0.2807, 0.3207



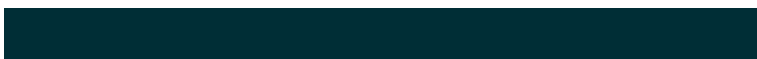
64.4616, 0.2852, 0.2996



16.7247, 0.2981, 0.3255



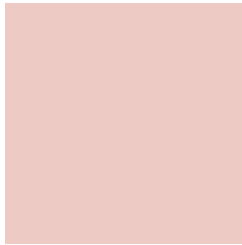
26.6437, 0.2117, 0.2820



2.1945, 0.2137, 0.2892

Previews

White Background



This preview shows how the Yxy color 64.2311, 0.3449, 0.3356 looks on a white background.

Color Contrast Check

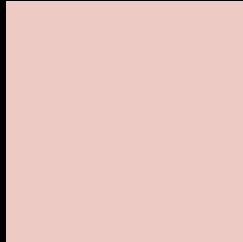
Large Text (above 18pt) WCAG AA × Fail

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 64.2311, 0.3449, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

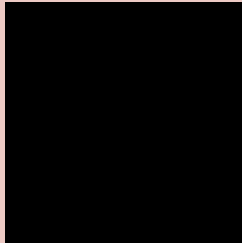
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2311, 0.3449, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 64.2311, 0.3449, 0.3356.

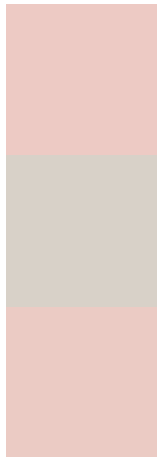


This preview shows how white text looks on a background with the Yxy color 64.2311, 0.3449, 0.3356.

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

64.2311, 0.3449, 0.3356

Protanopia

64.3700, 0.3244, 0.3393

Deuteranopia

64.3596, 0.3431, 0.3367



Tritanopia

64.1039, 0.3324, 0.3120

Trichromacy



Original Color

64.2311, 0.3449, 0.3356

Protanomaly

64.1134, 0.3317, 0.3369

Deuteranomaly

64.5303, 0.3439, 0.3367

Tritanomaly

64.0398, 0.3368, 0.3205

Monochromacy



Original Color

64.2311, 0.3449, 0.3356

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9401, 0.3240, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2311, 0.3449, 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, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 196) }
```

Border

The CSS property to change the border of an element to Yxy 64.2311, 0.3449, 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, 202, 196) }
```

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

```
.border{ border-color:rgb(237, 202, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2311, 0.3449, 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, 202, 196) }
```

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

```
.background{ background-color: rgb(237,  
202, 196) }
```

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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