

Converting Colors

Yxy(57.0409, 0.3447, 0.3403)

Have a look what the booklet for
Yxy(57.0409, 0.3447, 0.3403)
contains.

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Color

Yxy(57.0884, 0.3445, 0.3406)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DEC1B7 |
| RGB | 222, 193, 183 |
| RGB Percent | 87%, 76%, 72% |
| CMY | 0.1294, 0.2431, 0.2823 |
| CMYK | 0.00, 0.13, 0.18, 0.13 |
| HSL | 15°, 37%, 79% |
| HSV | 15°, 18%, 87% |
| XYZ | 57.7421, 57.0884, 52.7808 |
| YIQ | 200.5310, 20.4940, 3.0380 |

Conversions

Conversions Part 2

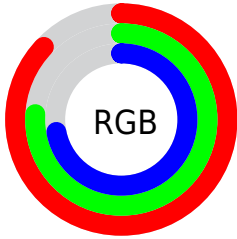
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 222, 196, 183 |
| Decimal | 14598583 |
| CIE Lab | 80.23, 8.69, 8.80 |
| CIE LCh | 80, 12.368, 45.380 |
| Yxy | 57.0884, 0.3445, 0.3406 |
| Android (android.graphics.Color) | 4292788663 (0xFFDEC1B7) |
| YUV | 200.5310, -8.6428, 18.8283 |
| Hunter-Lab | 75.5569, 4.1888, 11.4724 |

Details

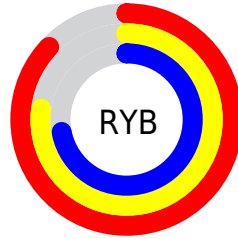
The Yxy color $57.0884, 0.3445, 0.3406$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $62.4328, 0.2858, 0.3171$, and the grayscale version is $58.1500, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.2434, 0.3225, 0.3387$, and $28.2924, 0.3538, 0.3428$ is the 20% darker color. If you saturate the color by 10%, you get $49.3413, 0.3676, 0.3477$, and if you desaturate by 10%, it is $65.8014, 0.3252, 0.3338$.

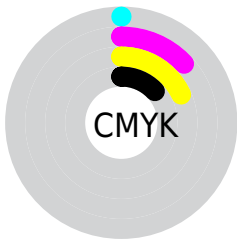
Distribution



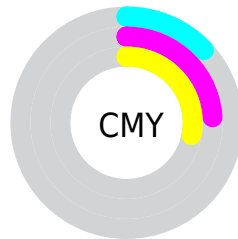
- Red (87%)
- Green (76%)
- Blue (72%)



- Red (87%)
- Yellow (77%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0884, 0.3445, 0.3406 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 57.0884, 0.3445, 0.3406 by changing the saturation by 10% instead.


 57.0884, 0.3445,
0.3406

 57.0884, 0.3445,
0.3406


413.7805, 0.3290,
0.3352

 41.0762, 0.3482,
0.3418

 100.5942, 0.3390,
0.3387

 28.3786, 0.3529,
0.3434


128.8565, 0.3369,
0.3380

 18.6113, 0.3591,
0.3453


161.9711, 0.3351,
0.3374

 11.3897, 0.3675,
0.3479

200.3222, 0.3335,
0.3368

 6.3296, 0.3795,
0.3513

244.2943, 0.3322,
0.3363

 3.0465, 0.3981,
0.3561

294.2718, 0.3310,

 1.1561, 0.4362,

0.3359

0.3675

350.6391, 0.3300,
0.3355

0.0254, 0.9030,
0.0970

0.0000, 0.0000,
0.0000

57.0884, 0.3445,
0.3406

57.0884, 0.3445,
0.3406

49.3413, 0.3676,
0.3477

65.8014, 0.3252,
0.3338

42.5188, 0.3949,
0.3548

75.5042, 0.3090,
0.3275

36.5881, 0.4268,
0.3615

86.2299, 0.2956,
0.3217

31.5115, 0.4627,
0.3669

94.2696, 0.2929,
0.3289

■ 27.2482, 0.5015,
0.3701

■ 23.7541, 0.5404,
0.3700

■ 20.9807, 0.5754,
0.3657

■ 18.8712, 0.6025,
0.3573

■ 18.4463, 0.6082,
0.3553

Harmonies

Analogous

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



57.0884, 0.3381, 0.3268



57.0884, 0.3445, 0.3406



57.0884, 0.3421, 0.3519

Triad

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



57.0884, 0.3445, 0.3406



57.0884, 0.3003, 0.3449



57.0884, 0.2937, 0.3017

Complementary

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



57.0884, 0.3445, 0.3406



62.4328, 0.2858, 0.3171

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.



57.0884, 0.2841, 0.3057



57.0884, 0.3445, 0.3406



57.0884, 0.2878, 0.3305

Square

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



57.0884, 0.3445, 0.3406



57.0884, 0.3163, 0.3549



57.0884, 0.2820, 0.3161



57.0884, 0.3085, 0.3048

Rectangle

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



57.0884, 0.3445, 0.3406



57.0884, 0.3358, 0.3563



57.0884, 0.2820, 0.3161



57.0884, 0.2897, 0.3023

Sweetspot

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



57.0910, 0.3445, 0.3406



93.3046, 0.3208, 0.3322



54.1674, 0.3224, 0.2961



19.7756, 0.3220, 0.3326



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.



57.0910, 0.3445, 0.3406



74.1888, 0.3523, 0.3431



66.1625, 0.3408, 0.3621



14.2687, 0.3286, 0.3351



11.1086, 0.6057, 0.3572



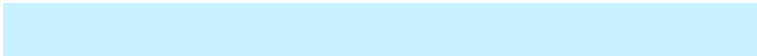
0.9126, 0.5754, 0.3814

Inverse Universe

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



62.4328, 0.2858, 0.3171



82.7730, 0.2803, 0.3144



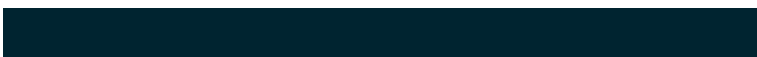
53.3757, 0.2846, 0.2936



14.9464, 0.2982, 0.3229



19.3251, 0.2011, 0.2440



1.4808, 0.2052, 0.2587

Previews

White Background



This preview shows how the Yxy color 57.0884, 0.3445, 0.3406 looks on a white background.

Color Contrast Check

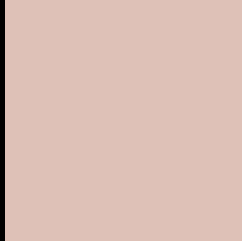
Large Text (above 18pt) WCAG AA × Fail

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 57.0884, 0.3445, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

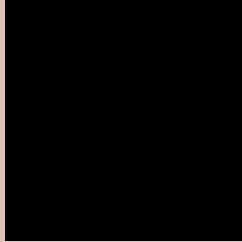
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0884, 0.3445, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 57.0884, 0.3445, 0.3406.



This preview shows how white text looks on a background with the Yxy color 57.0884, 0.3445, 0.3406.

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

57.0884, 0.3445, 0.3406

Protanopia

57.0551, 0.3281, 0.3434

Deuteranopia

56.9655, 0.3464, 0.3394



Tritanopia

57.2422, 0.3299, 0.3122

Trichromacy



Original Color

57.0884, 0.3445, 0.3406

Protanomaly

56.9797, 0.3340, 0.3420

Deuteranomaly

56.8061, 0.3456, 0.3394

Tritanomaly

57.1401, 0.3353, 0.3223

Monochromacy



Original Color

57.0884, 0.3445, 0.3406

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8385, 0.3244, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0884, 0.3445, 0.3406 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(222, 193, 183)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 183)  
}
```

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(222, 193, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 183) }
```

Border

The CSS property to change the border of an element to Yxy 57.0884, 0.3445, 0.3406 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(222, 193, 183) }
```

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

```
.border{ border-color:rgb(222, 193, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 183);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0884, 0.3445, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 183) }
```

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

```
.background{ background-color: rgb(222,  
193, 183) }
```

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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