

Converting Colors

Yxy(58.4960, 0.3446, 0.3456)

Have a look what the booklet for
Yxy(58.4960, 0.3446, 0.3456)
contains.

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Color

Yxy(58.3868, 0.3447, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	DEC4B6
RGB	222, 196, 182
RGB Percent	87%, 77%, 71%
CMY	0.1295, 0.2313, 0.2863
CMYK	0.00, 0.12, 0.18, 0.13
HSL	21°, 38%, 79%
HSV	21°, 18%, 87%
XYZ	58.3022, 58.3868, 52.4500
YIQ	202.1780, 19.9900, 1.1580

Conversions

Conversions Part 2

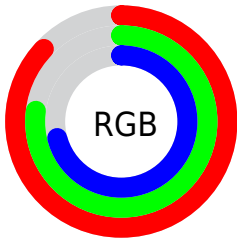
Format	Color
R _Y B	222, 204, 182
Decimal	14599350
CIE Lab	80.95, 6.93, 10.38
CIE LCh	81, 12.482, 56.268
Yxy	58.3868, 0.3447, 0.3452
Android (android.graphics.Color)	4292789430 (0xFFDEC4B6)
YUV	202.1780, -9.9478, 17.3839
Hunter-Lab	76.4113, 2.4768, 12.7902

Details

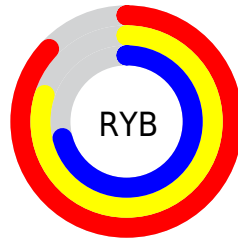
The Yxy color **58.3868, 0.3447, 0.3452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3105, 0.2848, 0.3122**, and the grayscale version is **59.2334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6836, 0.3228, 0.3435**, and **29.1465, 0.3539, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **51.3486, 0.3669, 0.3548**, and if you desaturate by 10%, it is **66.2006, 0.3258, 0.3360**.

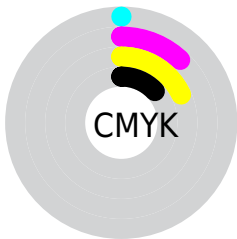
Distribution



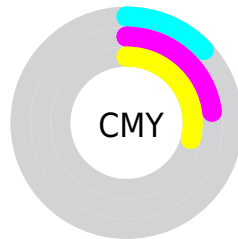
- Red (87%)
- Green (77%)
- Blue (71%)



- Red (87%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (13%)




- Cyan (13%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3868, 0.3447, 0.3452 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 58.3868, 0.3447, 0.3452 by changing the saturation by 10% instead.


 58.3868, 0.3447,
0.3452

 58.3868, 0.3447,
0.3452

418.6257, 0.3292,
0.3376

 42.1197, 0.3484,
0.3470


 102.4859, 0.3392,
0.3425

 29.1950, 0.3531,
0.3492


131.0867, 0.3371,
0.3415

 19.2284, 0.3592,
0.3519


164.5675, 0.3353,
0.3406

 11.8354, 0.3674,
0.3556

203.3128, 0.3337,
0.3399

 6.6317, 0.3792,
0.3606

247.7068, 0.3324,
0.3392

 3.2329, 0.3973,
0.3678

298.1340, 0.3312,

 1.2545, 0.4342,

0.3386

0.3839

354.9789, 0.3302,
0.3381

0.1055, 0.7186,
0.2814

0.0000, 0.0000,
0.0000

58.3868, 0.3447,
0.3452

58.3868, 0.3447,
0.3452

51.3486, 0.3669,
0.3548

66.2006, 0.3258,
0.3360

45.0539, 0.3926,
0.3645

74.8054, 0.3097,
0.3273

39.4794, 0.4219,
0.3736

84.2259, 0.2961,
0.3193

34.5979, 0.4545,
0.3813

93.4246, 0.2928,
0.3276

■ 30.3803, 0.4890,
0.3863

■ 94.2663, 0.2929,
0.3289

■ 26.7948, 0.5235,
0.3876

■ 23.8067, 0.5549,
0.3839

■ 21.3745, 0.5806,
0.3753

■ 20.9498, 0.5853,
0.3735

Harmonies

Analogous

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



58.3868, 0.3415, 0.3319



58.3868, 0.3447, 0.3452



58.3868, 0.3391, 0.3547

Triad

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



58.3868, 0.3447, 0.3452



58.3868, 0.2951, 0.3400



58.3868, 0.2986, 0.3020

Complementary

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



58.3868, 0.3447, 0.3452



60.3105, 0.2848, 0.3122

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.



58.3868, 0.2867, 0.3034



58.3868, 0.3447, 0.3452



58.3868, 0.2848, 0.3250

Square

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



58.3868, 0.3447, 0.3452



58.3868, 0.3103, 0.3521



58.3868, 0.2817, 0.3117



58.3868, 0.3145, 0.3074

Rectangle

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



58.3868, 0.3447, 0.3452



58.3868, 0.3313, 0.3574



58.3868, 0.2817, 0.3117



58.3868, 0.2940, 0.3017

Sweetspot

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



58.3894, 0.3447, 0.3452



94.0362, 0.3207, 0.3333



53.5339, 0.3259, 0.2996



19.9530, 0.3219, 0.3340



0.0000, 0.0000, 0.0000



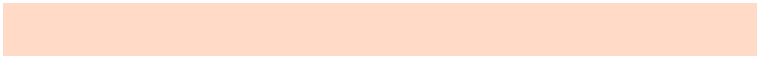
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3894, 0.3447, 0.3452



75.8166, 0.3535, 0.3492



68.0058, 0.3408, 0.3673



14.4826, 0.3283, 0.3373



12.6354, 0.5826, 0.3756



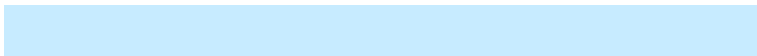
1.0398, 0.5529, 0.3992

Inverse Universe

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



60.3105, 0.2848, 0.3122



78.9556, 0.2784, 0.3079



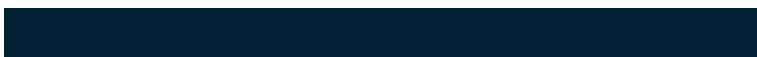
51.1811, 0.2835, 0.2876



14.7213, 0.2982, 0.3206



15.2271, 0.1918, 0.2104



1.2215, 0.1975, 0.2308

Previews

White Background



This preview shows how the Yxy color 58.3868, 0.3447, 0.3452 looks on a white background.

Color Contrast Check

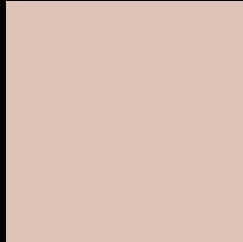
Large Text (above 18pt) WCAG AA × Fail

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 58.3868, 0.3447, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

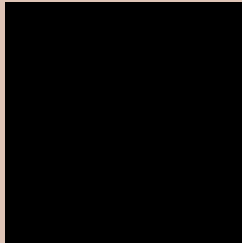
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3868, 0.3447, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 58.3868, 0.3447, 0.3452.



This preview shows how white text looks on a background with the Yxy color 58.3868, 0.3447, 0.3452.

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

58.3868, 0.3447, 0.3452

Protanopia

58.3246, 0.3317, 0.3480

Deuteranopia

58.2919, 0.3493, 0.3427



Tritanopia

58.2118, 0.3281, 0.3123

Trichromacy



Original Color

58.3868, 0.3447, 0.3452

Protanomaly

58.5619, 0.3368, 0.3478

Deuteranomaly

58.4152, 0.3474, 0.3439

Tritanomaly

58.0644, 0.3342, 0.3234

Monochromacy



Original Color

58.3868, 0.3447, 0.3452

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8040, 0.3235, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3868, 0.3447, 0.3452 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, 196, 182)` looks like.

```
.text, #text, p{  
    color:rgb(222, 196, 182)  
}
```

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, 196, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 182) }
```

Border

The CSS property to change the border of an element to Yxy 58.3868, 0.3447, 0.3452 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, 196, 182) }
```

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

```
.border{ border-color:rgb(222, 196, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 196, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 196, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 196, 182); box-shadow:4px 4px 4px 4px rgb(222, 196, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3868, 0.3447, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 196, 182) }
```

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

```
.background{ background-color: rgb(222,  
196, 182) }
```

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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