

Converting Colors

$Yxy(47.9517, 0.3186, 0.3596)$

Have a look what the booklet for
Yxy(47.9517, 0.3186, 0.3596)
contains.

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Color

Yxy(47.7183, 0.3180, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	AEBCA6
RGB	174, 188, 166
RGB Percent	68%, 74%, 65%
CMY	0.3175, 0.2628, 0.3490
CMYK	0.07, 0.00, 0.12, 0.26
HSL	98°, 14%, 69%
HSV	98°, 12%, 74%
XYZ	42.3275, 47.7183, 43.0596
YIQ	181.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

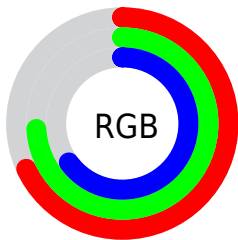
Format	Color
RYB	166, 188, 180
Decimal	11451558
CIELab	74.65, -8.89, 9.49
CIELCh	75, 13.003, 133.157
Yxy	47.7183, 0.3180, 0.3585
Android (android.graphics.Color)	4289641638 (0xFFFAEBCA6)
YUV	181.3060, -7.5459, -6.4074
Hunter-Lab	69.0784, -11.5121, 11.3969

Details

The Yxy color $47.7183, 0.3180, 0.3585$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.6062, 0.3068, 0.3000$, and the grayscale version is $46.4287, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7448, 0.3175, 0.3529$, and $22.6804, 0.3199, 0.3678$ is the 20% darker color. If you saturate the color by 10%, you get $45.7688, 0.3223, 0.3863$, and if you desaturate by 10%, it is $49.8946, 0.3135, 0.3331$.

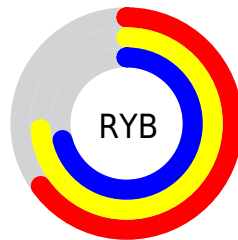
Distribution



Red (68%)

Green (74%)

Blue (65%)



Red (65%)

Yellow (74%)

Blue (71%)

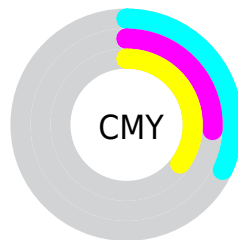


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (26%)



Cyan (32%)


Magenta (26%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7183, 0.3180, 0.3585 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 47.7183, 0.3180, 0.3585 by changing the saturation by 10% instead.


 47.7183, 0.3180,
0.3585

 47.7183, 0.3180,
0.3585


377.6744, 0.3155,
0.3436

 33.6039, 0.3186,
0.3623


 86.7848, 0.3171,
0.3530

 22.5894, 0.3193,
0.3672


 112.5057, 0.3168,
0.3510

 14.2906, 0.3202,
0.3738


142.8642, 0.3165,
0.3493

 8.3231, 0.3214,
0.3831

178.2447, 0.3162,
0.3478

 4.3024, 0.3230,
0.3973

219.0315, 0.3160,
0.3465

 1.8441, 0.3250,
0.4215

265.6092, 0.3158,

 0.5144, 0.3457,

0.3454

0.6543

318.3620, 0.3156,
0.3444

0.0000, 0.0000,
0.0000

47.7183, 0.3180,
0.3585

47.7183, 0.3180,
0.3585

45.7688, 0.3223,
0.3863

49.8946, 0.3135,
0.3331

44.0325, 0.3262,
0.4162

52.2988, 0.3090,
0.3101

42.5035, 0.3294,
0.4474


54.9397, 0.3045,
0.2897


41.1733, 0.3316,
0.4789

57.8237, 0.3003,
0.2715

40.0327, 0.3323,
0.5090


60.6305, 0.2997,
0.2601


 39.0717, 0.3314,
0.5360

 62.7167, 0.3087,
0.2619

 38.2792, 0.3287,
0.5583

 64.4444, 0.3158,
0.2634

 37.6426, 0.3244,
0.5745

 37.2154, 0.3202,
0.5839

Harmonies

Analogous

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



47.7183, 0.3349, 0.3605



47.7183, 0.3180, 0.3585



47.7183, 0.3001, 0.3479

Triad

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



47.7183, 0.3180, 0.3585



47.7183, 0.2803, 0.3036



47.7183, 0.3402, 0.3253

Complementary

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



47.7183, 0.3180, 0.3585



40.6062, 0.3068, 0.3000

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.



47.7183, 0.3249, 0.3112



47.7183, 0.3180, 0.3585



47.7183, 0.2904, 0.2987

Square

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



47.7183, 0.3180, 0.3585



47.7183, 0.2787, 0.3156



47.7183, 0.3066, 0.3015



47.7183, 0.3480, 0.3407

Rectangle

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



47.7183, 0.3180, 0.3585



47.7183, 0.2899, 0.3375



47.7183, 0.3066, 0.3015



47.7183, 0.3358, 0.3203

Sweetspot

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



47.7204, 0.3180, 0.3585



89.4605, 0.3146, 0.3389



46.0600, 0.3312, 0.3472



19.1726, 0.3149, 0.3407



95.5105, 0.3127, 0.3290



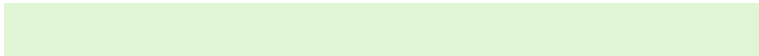
19.5994, 0.3127, 0.3290

Same Dimension

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



47.7204, 0.3180, 0.3585



85.5570, 0.3191, 0.3653



46.9347, 0.3091, 0.3550



10.8146, 0.3170, 0.3523



25.3784, 0.3211, 0.5833



1.0315, 0.3410, 0.5675

Inverse Universe

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



40.6062, 0.3068, 0.3000



70.1395, 0.3054, 0.2934



41.4719, 0.3166, 0.3043



9.5175, 0.3081, 0.3060



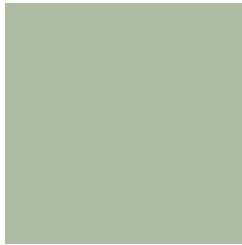
5.2043, 0.2320, 0.1052



0.2397, 0.2537, 0.1171

Previews

White Background



This preview shows how the Yxy color 47.7183, 0.3180, 0.3585 looks on a white background.

Color Contrast Check

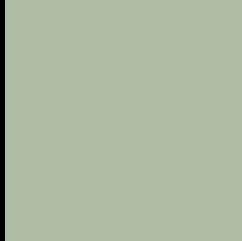
Large Text (above 18pt) WCAG AA × Fail

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 47.7183, 0.3180, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

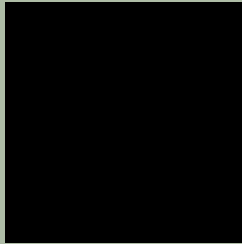
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

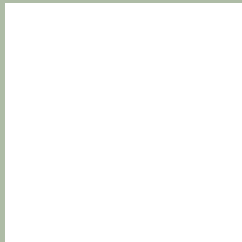
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7183, 0.3180, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 47.7183, 0.3180, 0.3585.



This preview shows how white text looks on a background with the Yxy color 47.7183, 0.3180, 0.3585.

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

47.7183, 0.3180, 0.3585

Protanopia

47.5877, 0.3358, 0.3549

Deuteranopia

47.5368, 0.3473, 0.3402



Tritanopia

47.5279, 0.2980, 0.3098

Trichromacy



Original Color

47.7183, 0.3180, 0.3585

Protanomaly

47.6925, 0.3294, 0.3566

Deuteranomaly

47.4399, 0.3364, 0.3469

Tritanomaly

47.5902, 0.3053, 0.3277

Monochromacy



Original Color

47.7183, 0.3180, 0.3585

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8805, 0.3139, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7183, 0.3180, 0.3585 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(174, 188, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 166)  
}
```

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(174, 188, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 166) }
```

Border

The CSS property to change the border of an element to Yxy 47.7183, 0.3180, 0.3585 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(174, 188, 166) }
```

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

```
.border{ border-color:rgb(174, 188, 166) }
```

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

Here you see how a box with a 4 pixel rgb(174, 188, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7183, 0.3180, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 166) }
```

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

```
.background{ background-color: rgb(174,  
188, 166) }
```

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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