

Converting Colors

$Yxy(47.6536, 0.3227, 0.3653)$

Have a look what the booklet for
Yxy(47.6536, 0.3227, 0.3653)
contains.

Yxy(47.6536, 0.3227, 0.3653)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.6536, 0.3227, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	AFBCA1
RGB	175, 188, 161
RGB Percent	69%, 74%, 63%
CMY	0.3137, 0.2627, 0.3686
CMYK	0.07, 0.00, 0.14, 0.26
HSL	89°, 17%, 68%
HSV	89°, 14%, 74%
XYZ	42.0964, 47.6536, 40.7006
YIQ	181.0350, 0.9190, -11.1530

Conversions

Conversions Part 2

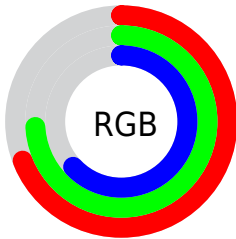
Format	Color
RYB	161, 188, 174
Decimal	11517089
CIELab	74.61, -9.41, 12.15
CIELCh	75, 15.367, 127.777
Yxy	47.6536, 0.3227, 0.3653
Android (android.graphics.Color)	4289707169 (0xFFAFBCA1)
YUV	181.0350, -9.8773, -5.2927
Hunter-Lab	69.0316, -11.9535, 13.3651

Details

The Yxy color **47.6536, 0.3227, 0.3653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1230, 0.3015, 0.2926**, and the grayscale version is **46.2839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6482, 0.3212, 0.3581**, and **22.5696, 0.3252, 0.3773** is the 20% darker color. If you saturate the color by 10%, you get **46.0287, 0.3295, 0.3929**, and if you desaturate by 10%, it is **49.4526, 0.3157, 0.3396**.

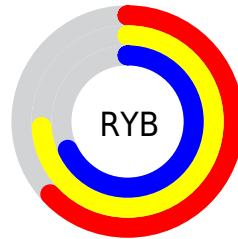
Distribution



Red (69%)

Green (74%)

Blue (63%)



Red (63%)

Yellow (74%)

Blue (68%)

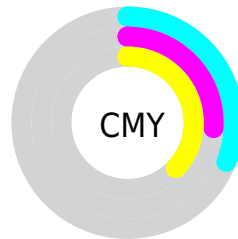


Cyan (7%)

Magenta (0%)

Yellow (14%)

Black (26%)



Cyan (31%)


Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6536, 0.3227, 0.3653 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 47.6536, 0.3227, 0.3653 by changing the saturation by 10% instead.


 47.6536, 0.3227,
0.3653


 47.6536, 0.3227,
0.3653


377.4174, 0.3179,
0.3469

 33.5526, 0.3238,
0.3700


 86.6884, 0.3210,
0.3585

 22.5501, 0.3253,
0.3760


 112.3911, 0.3203,
0.3560

 14.2617, 0.3271,
0.3842


142.7298, 0.3198,
0.3539

 8.3029, 0.3295,
0.3957

178.0889, 0.3193,
0.3521

 4.2894, 0.3327,
0.4132

218.8528, 0.3189,
0.3505

 1.8367, 0.3372,
0.4430

265.4060, 0.3185,

 0.5099, 0.3332,

0.3492

0.6668

318.1327, 0.3182,
0.3480

0.0000, 0.0000,
0.0000

47.6536, 0.3227,
0.3653

47.6536, 0.3227,
0.3653

46.0287, 0.3295,
0.3929

49.4526, 0.3157,
0.3396

44.5659, 0.3358,
0.4219

51.4251, 0.3088,
0.3159

43.2610, 0.3412,
0.4514

53.5782, 0.3021,
0.2945

42.1076, 0.3452,
0.4803

55.9169, 0.2958,
0.2753

41.0983, 0.3476,
0.5073

58.4455, 0.2898,
0.2580

■ 40.2251, 0.3479,
0.5308

■ 59.8989, 0.2964,
0.2594

■ 39.4792, 0.3459,
0.5497

■ 61.4300, 0.3032,
0.2608

■ 38.8498, 0.3419,
0.5631

■ 63.0399, 0.3100,
0.2622

■ 38.5352, 0.3391,
0.5690

■ 64.4478, 0.3158,
0.2634

Harmonies

Analogous

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



47.6536, 0.3419, 0.3655



47.6536, 0.3227, 0.3653



47.6536, 0.3013, 0.3543

Triad

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



47.6536, 0.3227, 0.3653



47.6536, 0.2735, 0.3009



47.6536, 0.3426, 0.3213

Complementary

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



47.6536, 0.3227, 0.3653



38.1230, 0.3015, 0.2926

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.



47.6536, 0.3233, 0.3055



47.6536, 0.3227, 0.3653



47.6536, 0.2836, 0.2937

Square

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



47.6536, 0.3227, 0.3653



47.6536, 0.2734, 0.3162



47.6536, 0.3017, 0.2955



47.6536, 0.3537, 0.3395

Rectangle

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



47.6536, 0.3227, 0.3653



47.6536, 0.2887, 0.3426



47.6536, 0.3017, 0.2955



47.6536, 0.3368, 0.3156

Sweetspot

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



47.6557, 0.3227, 0.3653



89.7226, 0.3155, 0.3388



43.3852, 0.3366, 0.3457



19.2391, 0.3161, 0.3407



95.5105, 0.3127, 0.3290



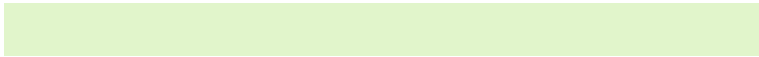
19.5994, 0.3127, 0.3290

Same Dimension

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



47.6557, 0.3227, 0.3653



85.4735, 0.3247, 0.3732



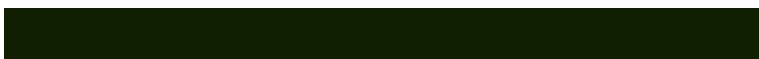
46.2130, 0.3117, 0.3665



10.8863, 0.3192, 0.3522



26.2803, 0.3399, 0.5683



1.0682, 0.3582, 0.5538

Inverse Universe

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



38.1230, 0.3015, 0.2926



65.1027, 0.2989, 0.2847



39.7014, 0.3135, 0.2940



9.4447, 0.3057, 0.3058



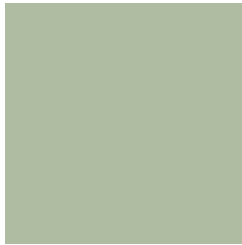
4.0140, 0.1999, 0.0875



0.1962, 0.2271, 0.1025

Previews

White Background



This preview shows how the Yxy color 47.6536, 0.3227, 0.3653 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 47.6536, 0.3227, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

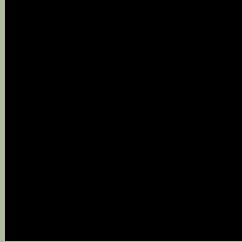
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

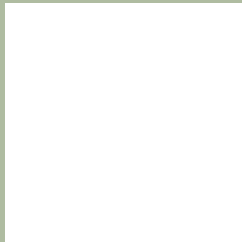
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6536, 0.3227, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 47.6536, 0.3227, 0.3653.



This preview shows how white text looks on a background with the Yxy color 47.6536, 0.3227, 0.3653.

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

47.6536, 0.3227, 0.3653

Protanopia

47.5421, 0.3409, 0.3614

Deuteranopia

47.4985, 0.3526, 0.3464



Tritanopia

47.6015, 0.2995, 0.3111

Trichromacy



Original Color

47.6536, 0.3227, 0.3653

Protanomaly

47.6402, 0.3343, 0.3632

Deuteranomaly

47.3921, 0.3416, 0.3534

Tritanomaly

47.6236, 0.3077, 0.3303

Monochromacy



Original Color

47.6536, 0.3227, 0.3653

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9207, 0.3163, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6536, 0.3227, 0.3653 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(175, 188, 161)` looks like.

```
.text, #text, p{  
    color:rgb(175, 188, 161)  
}
```

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(175, 188, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 188, 161) }
```

Border

The CSS property to change the border of an element to Yxy 47.6536, 0.3227, 0.3653 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(175, 188, 161) }
```

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

```
.border{ border-color:rgb(175, 188, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 188, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 188, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 188, 161);  
box-shadow:4px 4px 4px 4px rgb(175, 188,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6536, 0.3227, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 188, 161) }
```

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

```
.background{ background-color: rgb(175,  
188, 161) }
```

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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