

Converting Colors

$Yxy(47.3496, 0.3349, 0.3781)$

Have a look what the booklet for
Yxy(47.3496, 0.3349, 0.3781)
contains.

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Color

Yxy(47.3264, 0.3350, 0.3787)

Conversions

Conversions Part 1

Format	Color
Hex	B3BB96
RGB	179, 187, 150
RGB Percent	70%, 73%, 59%
CMY	0.2980, 0.2666, 0.4118
CMYK	0.04, 0.00, 0.20, 0.27
HSL	73°, 21%, 66%
HSV	73°, 20%, 73%
XYZ	41.8652, 47.3264, 35.7791
YIQ	180.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

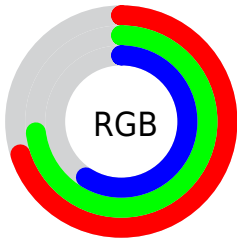
Format	Color
RYB	150, 187, 158
Decimal	11778966
CIELab	74.40, -9.22, 17.85
CIELCh	74, 20.085, 117.315
Yxy	47.3264, 0.3350, 0.3787
Android (android.graphics.Color)	4289969046 (0xFFB3BB96)
YUV	180.3900, -14.9823, -1.2190
Hunter-Lab	68.7942, -11.7624, 17.3198

Details

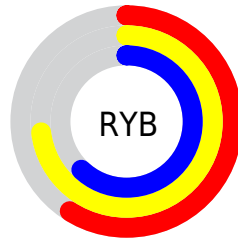
The Yxy color $47.3264, 0.3350, 0.3787$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.6677, 0.2875, 0.2764$, and the grayscale version is $45.9423, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1230, 0.3314, 0.3696$, and $22.3867, 0.3408, 0.3936$ is the 20% darker color. If you saturate the color by 10%, you get $46.2984, 0.3461, 0.4051$, and if you desaturate by 10%, it is $48.4688, 0.3237, 0.3530$.

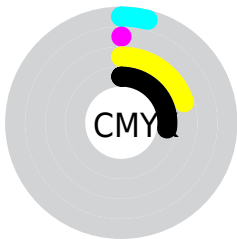
Distribution



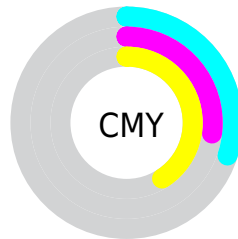
- Red (70%)
- Green (73%)
- Blue (59%)



- Red (59%)
- Yellow (73%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)




- Cyan (30%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3264, 0.3350, 0.3787 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 47.3264, 0.3350, 0.3787 by changing the saturation by 10% instead.


 47.3264, 0.3350,
0.3787


 47.3264, 0.3350,
0.3787


376.1159, 0.3242,
0.3535

 33.2938, 0.3376,
0.3851


 86.2006, 0.3311,
0.3695

 22.3516, 0.3408,
0.3934


 111.8110, 0.3297,
0.3660

 14.1155, 0.3450,
0.4044


142.0494, 0.3284,
0.3631

 8.2010, 0.3505,
0.4200

177.3003, 0.3273,
0.3606

 4.2238, 0.3580,
0.4434

217.9480, 0.3264,
0.3585

 1.7996, 0.3753,
0.4915

264.3769, 0.3256,

 0.4869, 0.3281,

0.3566

0.6719

316.9714, 0.3248,
0.3549

0.0000, 0.0000,
0.0000

47.3264, 0.3350,
0.3787

47.3264, 0.3350,
0.3787

46.2984, 0.3461,
0.4051

48.4688, 0.3237,
0.3530

45.3740, 0.3566,
0.4315

49.7238, 0.3125,
0.3285

44.5501, 0.3660,
0.4568

51.0976, 0.3017,
0.3056

43.8213, 0.3737,
0.4800

52.5940, 0.2915,
0.2845

43.1814, 0.3793,
0.5001

54.2168, 0.2819,
0.2652

■ 42.6236, 0.3824,
0.5161

■ 55.4972, 0.2774,
0.2544

■ 42.1397, 0.3830,
0.5276

■ 56.0735, 0.2803,
0.2550

■ 41.7139, 0.3815,
0.5351

■ 56.6647, 0.2832,
0.2556

■ 41.7053, 0.3815,
0.5353

■ 57.2710, 0.2862,
0.2562

Harmonies

Analogous

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



47.3264, 0.3576, 0.3735



47.3264, 0.3350, 0.3787



47.3264, 0.3071, 0.3691

Triad

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



47.3264, 0.3350, 0.3787



47.3264, 0.2602, 0.2980



47.3264, 0.3438, 0.3112

Complementary

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



47.3264, 0.3350, 0.3787



32.6677, 0.2875, 0.2764

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.



47.3264, 0.3164, 0.2931



47.3264, 0.3350, 0.3787



47.3264, 0.2689, 0.2850

Square

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



47.3264, 0.3350, 0.3787



47.3264, 0.2647, 0.3206



47.3264, 0.2891, 0.2835



47.3264, 0.3631, 0.3340

Rectangle

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



47.3264, 0.3350, 0.3787



47.3264, 0.2894, 0.3555



47.3264, 0.2891, 0.2835



47.3264, 0.3352, 0.3044

Sweetspot

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



47.3285, 0.3350, 0.3787



87.6080, 0.3195, 0.3438



37.0154, 0.3494, 0.3392



19.2609, 0.3202, 0.3454



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.



47.3285, 0.3350, 0.3787



83.8878, 0.3402, 0.3908



45.3319, 0.3195, 0.3812



11.0136, 0.3232, 0.3519



28.7659, 0.3820, 0.5349



1.1532, 0.3914, 0.5274

Inverse Universe

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



32.6677, 0.2875, 0.2764



52.5804, 0.2807, 0.2627



34.6174, 0.3043, 0.2790



9.3222, 0.3017, 0.3055



2.8155, 0.1621, 0.0667



0.1395, 0.1864, 0.0801

Previews

White Background



This preview shows how the Yxy color 47.3264, 0.3350, 0.3787 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 47.3264, 0.3350, 0.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

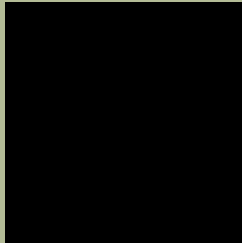
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3264, 0.3350, 0.3787

Background



This preview shows how black text looks on a background with the Yxy color 47.3264, 0.3350, 0.3787.



This preview shows how white text looks on a background with the Yxy color 47.3264, 0.3350, 0.3787.

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

47.3264, 0.3350, 0.3787

Protanopia

47.0633, 0.3513, 0.3731

Deuteranopia

47.1666, 0.3655, 0.3587



Tritanopia

47.3022, 0.3051, 0.3112

Trichromacy



Original Color

47.3264, 0.3350, 0.3787

Protanomaly

47.2697, 0.3454, 0.3749

Deuteranomaly

47.0190, 0.3540, 0.3661

Tritanomaly

47.1889, 0.3159, 0.3342

Monochromacy



Original Color

47.3264, 0.3350, 0.3787

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.4348, 0.3213, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3264, 0.3350, 0.3787 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(179, 187, 150)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 150)  
}
```

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(179, 187, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 150) }
```

Border

The CSS property to change the border of an element to Yxy 47.3264, 0.3350, 0.3787 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(179, 187, 150) }
```

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

```
.border{ border-color:rgb(179, 187, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 150);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3264, 0.3350, 0.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 150) }
```

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

```
.background{ background-color: rgb(179,  
187, 150) }
```

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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