

Converting Colors

$Yxy(47.2811, 0.3298, 0.3468)$

Have a look what the booklet for
Yxy(47.2811, 0.3298, 0.3468)
contains.

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Color

Yxy(47.1393, 0.3293, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	BDB6A9
RGB	189, 182, 169
RGB Percent	74%, 71%, 66%
CMY	0.2588, 0.2863, 0.3373
CMYK	0.00, 0.04, 0.11, 0.26
HSL	39°, 13%, 70%
HSV	39°, 11%, 74%
XYZ	44.8770, 47.1393, 44.2638
YIQ	182.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

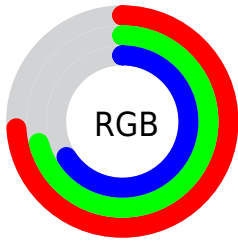
Format	Color
RYB	180, 189, 169
Decimal	12433065
CIELab	74.28, 0.21, 7.49
CIELCh	74, 7.498, 88.395
Yxy	47.1393, 0.3293, 0.3459
Android (android.graphics.Color)	4290623145 (0xFFBDB6A9)
YUV	182.6110, -6.7102, 5.6032
Hunter-Lab	68.6581, -3.4785, 9.8364

Details

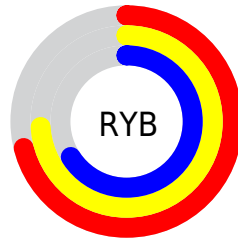
The Yxy color $47.1393, 0.3293, 0.3459$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.1596, 0.2964, 0.3115$, and the grayscale version is $47.1653, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9434, 0.3262, 0.3432$, and $22.2191, 0.3344, 0.3503$ is the 20% darker color. If you saturate the color by 10%, you get $43.8348, 0.3467, 0.3626$, and if you desaturate by 10%, it is $50.6787, 0.3136, 0.3299$.

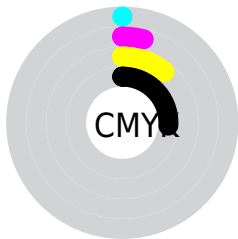
Distribution



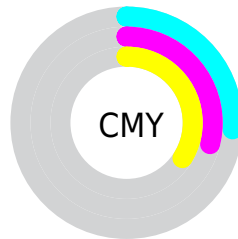
- Red (74%)
- Green (71%)
- Blue (66%)



- Red (71%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (26%)





- Cyan (26%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1393, 0.3293, 0.3459 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 47.1393, 0.3293, 0.3459 by changing the saturation by 10% instead.

 47.1393, 0.3293,
0.3459

 47.1393, 0.3293,
0.3459


375.3703, 0.3210,
0.3375

 33.1458, 0.3314,
0.3480


 85.9215, 0.3263,
0.3428

 22.2382, 0.3340,
0.3507


111.4790, 0.3252,
0.3417

 14.0320, 0.3375,
0.3543


141.6600, 0.3242,
0.3407

 8.1429, 0.3425,
0.3593

176.8488, 0.3234,
0.3399

 4.1865, 0.3498,
0.3667

217.4298, 0.3227,
0.3392

 1.7784, 0.3619,
0.3789

263.7875, 0.3221,

 0.4737, 0.4901,

0.3385

0.5099

316.3062, 0.3215,
0.3380

0.0000, 0.0000,
0.0000

47.1393, 0.3293,
0.3459

47.1393, 0.3293,
0.3459

43.8348, 0.3467,
0.3626

50.6787, 0.3136,
0.3299

40.7529, 0.3656,
0.3797

54.4526, 0.2995,
0.3149

37.8892, 0.3859,
0.3965

58.4686, 0.2870,
0.3009

35.2367, 0.4072,
0.4124

62.7322, 0.2758,
0.2880

32.7880, 0.4287,
0.4263

66.6891, 0.2706,
0.2848

■ 30.5349, 0.4495,
0.4370

■ 70.1301, 0.2713,
0.2923

■ 28.4686, 0.4686,
0.4436

■ 73.7092, 0.2720,
0.2998

■ 26.5785, 0.4850,
0.4452

■ 77.4277, 0.2727,
0.3071

■ 24.9443, 0.4980,
0.4428

■ 81.2872, 0.2733,
0.3144

Harmonies

Analogous

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



47.1393, 0.3332, 0.3402



47.1393, 0.3293, 0.3459



47.1393, 0.3209, 0.3471

Triad

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



47.1393, 0.3293, 0.3459



47.1393, 0.2943, 0.3259



47.1393, 0.3147, 0.3153

Complementary

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



47.1393, 0.3293, 0.3459



43.1596, 0.2964, 0.3115

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.



47.1393, 0.3043, 0.3115



47.1393, 0.3293, 0.3459



47.1393, 0.2927, 0.3174

Square

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



47.1393, 0.3293, 0.3459



47.1393, 0.3008, 0.3355



47.1393, 0.2963, 0.3122



47.1393, 0.3247, 0.3226

Rectangle

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



47.1393, 0.3293, 0.3459



47.1393, 0.3140, 0.3451



47.1393, 0.2963, 0.3122



47.1393, 0.3111, 0.3136

Sweetspot

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



47.1414, 0.3293, 0.3459



89.1580, 0.3173, 0.3338



42.3403, 0.3248, 0.3195



19.0615, 0.3185, 0.3350



95.5105, 0.3127, 0.3290



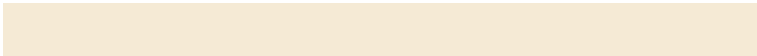
19.5994, 0.3127, 0.3290

Same Dimension

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



47.1414, 0.3293, 0.3459



82.8298, 0.3337, 0.3502



49.7472, 0.3260, 0.3549



10.5428, 0.3273, 0.3439



16.9283, 0.4967, 0.4438



0.7814, 0.4738, 0.4620

Inverse Universe

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



43.1596, 0.2964, 0.3115



74.0983, 0.2922, 0.3069



40.7789, 0.2986, 0.3021



9.7572, 0.2984, 0.3137



5.2387, 0.1651, 0.1144



0.3297, 0.1791, 0.1647

Previews

White Background



This preview shows how the Yxy color 47.1393, 0.3293, 0.3459 looks on a white background.

Color Contrast Check

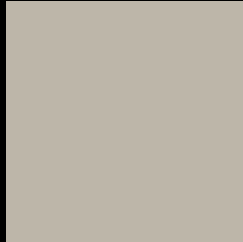
Large Text (above 18pt) WCAG AA × Fail

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 47.1393, 0.3293, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

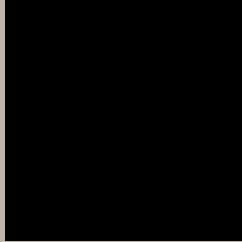
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

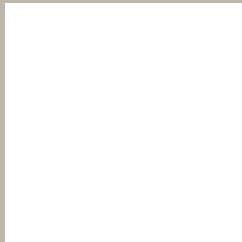
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1393, 0.3293, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 47.1393, 0.3293, 0.3459.

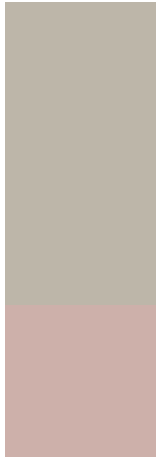


This preview shows how white text looks on a background with the Yxy color 47.1393, 0.3293, 0.3459.

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

47.1393, 0.3293, 0.3459

Protanopia

47.1393, 0.3293, 0.3459

Deuteranopia

46.9321, 0.3439, 0.3365



Tritanopia

47.2969, 0.3127, 0.3115

Trichromacy



Original Color

47.1393, 0.3293, 0.3459

Protanomaly

47.1393, 0.3293, 0.3459

Deuteranomaly

46.8852, 0.3381, 0.3392

Tritanomaly

47.1796, 0.3190, 0.3239

Monochromacy



Original Color

47.1393, 0.3293, 0.3459

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3956, 0.3184, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1393, 0.3293, 0.3459 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(189, 182, 169)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 169)  
}
```

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(189, 182, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.1393, 0.3293, 0.3459 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(189, 182, 169) }
```

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

```
.border{ border-color:rgb(189, 182, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 169);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1393, 0.3293, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 169) }
```

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

```
.background{ background-color: rgb(189,  
182, 169) }
```

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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