

Converting Colors

Yxy(46.9765, 0.3199, 0.3353)

Have a look what the booklet for
Yxy(46.9765, 0.3199, 0.3353)
contains.

Yxy(47.0693, 0.3201, 0.3355)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0693, 0.3201, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	BAB6B1
RGB	186, 182, 177
RGB Percent	73%, 71%, 69%
CMY	0.2707, 0.2862, 0.3058
CMYK	0.00, 0.02, 0.05, 0.27
HSL	33°, 6%, 71%
HSV	33°, 5%, 73%
XYZ	44.9087, 47.0693, 48.3179
YIQ	182.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

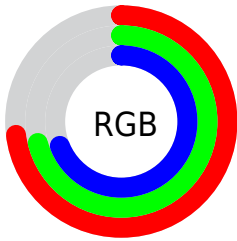
Format	Color
RYB	184, 186, 177
Decimal	12236465
CIELab	74.23, 0.49, 3.03
CIELCh	74, 3.066, 80.722
Yxy	47.0693, 0.3201, 0.3355
Android (android.graphics.Color)	4290426545 (0xFFBAB6B1)
YUV	182.6260, -2.7736, 2.9590
Hunter-Lab	68.6071, -3.2200, 6.2688

Details

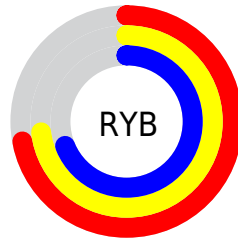
The Yxy color **47.0693, 0.3201, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9271, 0.3055, 0.3224**, and the grayscale version is **47.1515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9095, 0.3185, 0.3341**, and **22.1423, 0.3229, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **43.1125, 0.3369, 0.3496**, and if you desaturate by 10%, it is **51.3287, 0.3053, 0.3222**.

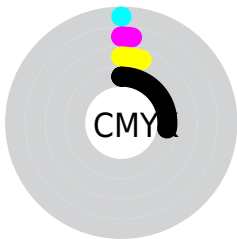
Distribution



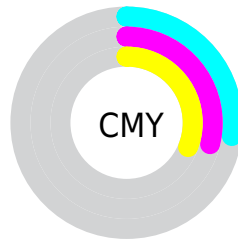
- Red (73%)
- Green (71%)
- Blue (69%)



- Red (72%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0693, 0.3201, 0.3355 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 47.0693, 0.3201, 0.3355 by changing the saturation by 10% instead.

■ 47.0693, 0.3201,
0.3355

■ 47.0693, 0.3201,
0.3355

375.0911, 0.3164,
0.3323

■ 33.0904, 0.3210,
0.3363

■ 85.8171, 0.3188,
0.3343

■ 22.1957, 0.3222,
0.3373

111.3547, 0.3183,
0.3339

■ 14.0008, 0.3238,
0.3387

141.5142, 0.3178,
0.3335

■ 8.1212, 0.3260,
0.3406

176.6797, 0.3175,
0.3332

■ 4.1726, 0.3293,
0.3435

217.2358, 0.3172,
0.3329

■ 1.7706, 0.3348,
0.3483

263.5668, 0.3169,

■ 0.4687, 0.3735,

0.3327

0.3826

316.0571, 0.3166,
0.3325

0.0000, 0.0000,
0.0000

47.0693, 0.3201,
0.3355

47.0693, 0.3201,
0.3355

43.1125, 0.3369,
0.3496

51.3287, 0.3053,
0.3222

39.4446, 0.3557,
0.3642

55.8917, 0.2922,
0.3099

36.0601, 0.3767,
0.3791

60.7671, 0.2807,
0.2985

32.9507, 0.3994,
0.3936

65.9614, 0.2707,
0.2880

30.1076, 0.4237,
0.4068

70.4772, 0.2696,
0.2937

■ 27.5217, 0.4485,
0.4176

■ 74.9763, 0.2705,
0.3030

■ 25.1826, 0.4729,
0.4249

■ 79.6913, 0.2714,
0.3121

■ 23.0792, 0.4953,
0.4276

■ 84.6251, 0.2723,
0.3211

■ 21.1985, 0.5146,
0.4250

■ 89.1755, 0.2731,
0.3289

Harmonies

Analogous

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



47.0693, 0.3211, 0.3328



47.0693, 0.3201, 0.3355



47.0693, 0.3171, 0.3364

Triad

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



47.0693, 0.3201, 0.3355



47.0693, 0.3057, 0.3288



47.0693, 0.3124, 0.3228

Complementary

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



47.0693, 0.3201, 0.3355



45.9271, 0.3055, 0.3224

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.



47.0693, 0.3083, 0.3217



47.0693, 0.3201, 0.3355



47.0693, 0.3044, 0.3251

Square

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



47.0693, 0.3201, 0.3355



47.0693, 0.3088, 0.3326



47.0693, 0.3054, 0.3225



47.0693, 0.3167, 0.3255

Rectangle

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



47.0693, 0.3201, 0.3355



47.0693, 0.3144, 0.3359



47.0693, 0.3054, 0.3225



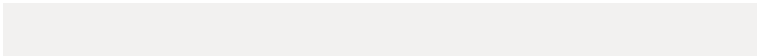
47.0693, 0.3110, 0.3222

Sweetspot

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



47.0713, 0.3201, 0.3355



88.2197, 0.3142, 0.3304



45.2217, 0.3173, 0.3238



19.4362, 0.3142, 0.3303



95.5105, 0.3127, 0.3290



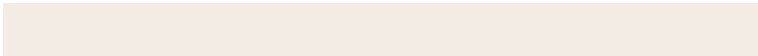
19.5994, 0.3127, 0.3290

Same Dimension

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



47.0713, 0.3201, 0.3355



84.3999, 0.3221, 0.3373



48.6598, 0.3193, 0.3406



10.0652, 0.3228, 0.3379



13.8136, 0.5220, 0.4237



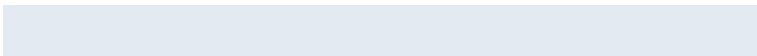
0.6082, 0.4888, 0.4501

Inverse Universe

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



45.9271, 0.3055, 0.3224



81.7961, 0.3035, 0.3206



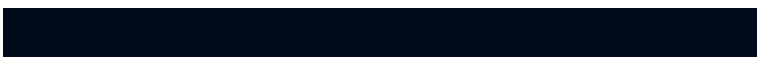
44.3933, 0.3059, 0.3172



9.7325, 0.3028, 0.3200



6.6058, 0.1726, 0.1412



0.3566, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 47.0693, 0.3201, 0.3355 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 47.0693, 0.3201, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

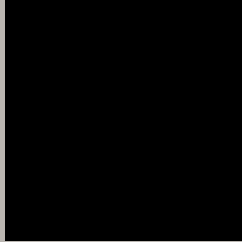
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

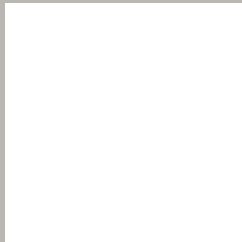
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0693, 0.3201, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 47.0693, 0.3201, 0.3355.



This preview shows how white text looks on a background with the Yxy color 47.0693, 0.3201, 0.3355.

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

47.0693, 0.3201, 0.3355

Protanopia

47.1950, 0.3210, 0.3355

Deuteranopia

46.8216, 0.3342, 0.3266



Tritanopia

46.8266, 0.3085, 0.3100

Trichromacy



Original Color

47.0693, 0.3201, 0.3355

Protanomaly

47.1950, 0.3210, 0.3355

Deuteranomaly

46.7909, 0.3286, 0.3290

Tritanomaly

46.8382, 0.3123, 0.3188

Monochromacy



Original Color

47.0693, 0.3201, 0.3355

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3935, 0.3151, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0693, 0.3201, 0.3355 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(186, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 177)  
}
```

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(186, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 177) }
```

Border

The CSS property to change the border of an element to Yxy 47.0693, 0.3201, 0.3355 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(186, 182, 177) }
```

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

```
.border{ border-color:rgb(186, 182, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0693, 0.3201, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 177) }
```

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

```
.background{ background-color: rgb(186,  
182, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor