

Converting Colors

$Yxy(47.0688, 0.3150, 0.3342)$

Have a look what the booklet for
Yxy(47.0688, 0.3150, 0.3342)
contains.

Yxy(47.0667, 0.3150, 0.3342)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0667, 0.3150, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	B6B7B3
RGB	182, 183, 179
RGB Percent	71%, 72%, 70%
CMY	0.2863, 0.2823, 0.2980
CMYK	0.01, 0.00, 0.02, 0.28
HSL	75°, 3%, 71%
HSV	75°, 2%, 72%
XYZ	44.3627, 47.0667, 49.4045
YIQ	182.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

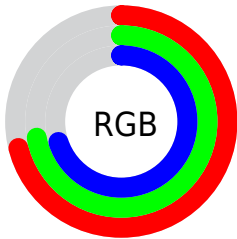
Format	Color
RYB	179, 183, 180
Decimal	11974579
CIELab	74.23, -1.08, 1.89
CIElCh	74, 2.177, 119.850
Yxy	47.0667, 0.3150, 0.3342
Android (android.graphics.Color)	4290164659 (0xFFB6B7B3)
YUV	182.2450, -1.5998, -0.2149
Hunter-Lab	68.6052, -4.6342, 5.3272

Details

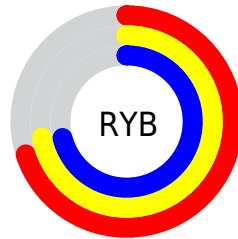
The Yxy color $47.0667, 0.3150, 0.3342$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.3737, 0.3104, 0.3238$, and the grayscale version is $46.9296, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9083, 0.3145, 0.3331$, and $22.1387, 0.3159, 0.3362$ is the 20% darker color. If you saturate the color by 10%, you get $45.8239, 0.3256, 0.3590$, and if you desaturate by 10%, it is $48.4304, 0.3047, 0.3110$.

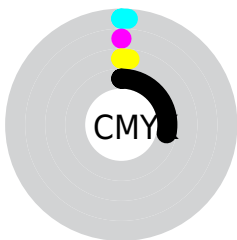
Distribution



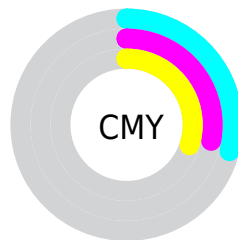
- Red (71%)
- Green (72%)
- Blue (70%)



- Red (70%)
- Yellow (72%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0667, 0.3150, 0.3342 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 47.0667, 0.3150, 0.3342 by changing the saturation by 10% instead.

■ 47.0667, 0.3150,
0.3342

■ 47.0667, 0.3150,
0.3342

375.0807, 0.3139,
0.3316

■ 33.0884, 0.3153,
0.3348

■ 85.8132, 0.3146,
0.3333

■ 22.1942, 0.3156,
0.3357

111.3501, 0.3144,
0.3329

■ 13.9996, 0.3161,
0.3368

141.5088, 0.3143,
0.3326

■ 8.1204, 0.3168,
0.3384

176.6734, 0.3142,
0.3323

■ 4.1721, 0.3178,
0.3407

217.2286, 0.3141,
0.3321

■ 1.7703, 0.3195,
0.3446

263.5586, 0.3140,

■ 0.4686, 0.3310,

0.3319

0.3702

316.0478, 0.3139,
0.3318

0.0000, 0.0000,
0.0000

47.0667, 0.3150,
0.3342

47.0667, 0.3150,
0.3342

45.8239, 0.3256,
0.3590

48.4304, 0.3047,
0.3110

44.6918, 0.3363,
0.3851

49.9126, 0.2948,
0.2895

43.6683, 0.3467,
0.4119

51.5191, 0.2855,
0.2699

42.7487, 0.3563,
0.4385

53.2533, 0.2769,
0.2521

41.9281, 0.3647,
0.4640

54.0779, 0.2784,
0.2502

■ 41.2010, 0.3713,
0.4872

■ 54.7443, 0.2818,
0.2509

■ 40.5616, 0.3757,
0.5071

■ 55.4302, 0.2852,
0.2517

■ 40.0029, 0.3777,
0.5229

■ 56.1358, 0.2886,
0.2524

■ 39.5167, 0.3771,
0.5339

■ 56.8612, 0.2920,
0.2532

Harmonies

Analogous

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



47.0667, 0.3174, 0.3340



47.0667, 0.3150, 0.3342



47.0667, 0.3120, 0.3330

Triad

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



47.0667, 0.3150, 0.3342



47.0667, 0.3069, 0.3256



47.0667, 0.3163, 0.3273

Complementary

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



47.0667, 0.3150, 0.3342



45.3737, 0.3104, 0.3238

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.



47.0667, 0.3135, 0.3251



47.0667, 0.3150, 0.3342



47.0667, 0.3080, 0.3241

Square

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



47.0667, 0.3150, 0.3342



47.0667, 0.3073, 0.3280



47.0667, 0.3104, 0.3239



47.0667, 0.3182, 0.3300

Rectangle

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



47.0667, 0.3150, 0.3342



47.0667, 0.3100, 0.3316



47.0667, 0.3104, 0.3239



47.0667, 0.3154, 0.3265

Sweetspot

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



47.0687, 0.3150, 0.3342



84.5681, 0.3138, 0.3314



45.9722, 0.3161, 0.3303



18.6812, 0.3137, 0.3313



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.0687, 0.3150, 0.3342



84.0932, 0.3159, 0.3363



46.8290, 0.3133, 0.3342



10.5441, 0.3166, 0.3380



27.3614, 0.3759, 0.5397



0.9921, 0.3877, 0.5304

Inverse Universe

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



45.3737, 0.3104, 0.3238



79.8639, 0.3095, 0.3216



45.6134, 0.3121, 0.3238



9.8962, 0.3087, 0.3199



2.8209, 0.1658, 0.0687



0.1297, 0.1941, 0.0843

Previews

White Background



This preview shows how the Yxy color 47.0667, 0.3150, 0.3342 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 47.0667, 0.3150, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

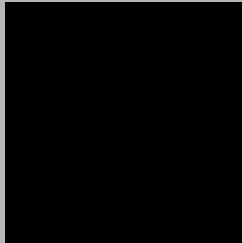
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

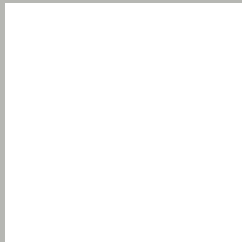
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0667, 0.3150, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 47.0667, 0.3150, 0.3342.



This preview shows how white text looks on a background with the Yxy color 47.0667, 0.3150, 0.3342.

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

47.0667, 0.3150, 0.3342

Protanopia

47.2350, 0.3202, 0.3342

Deuteranopia

47.1571, 0.3315, 0.3253



Tritanopia

47.1782, 0.3043, 0.3112

Trichromacy



Original Color

47.0667, 0.3150, 0.3342

Protanomaly

46.9845, 0.3185, 0.3342

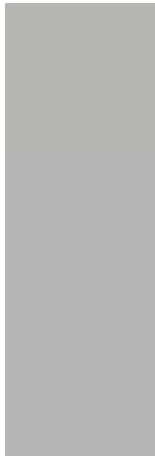
Deuteranomaly

47.0048, 0.3250, 0.3278

Tritanomaly

47.1973, 0.3081, 0.3200

Monochromacy



Original Color

47.0667, 0.3150, 0.3342

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7372, 0.3135, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0667, 0.3150, 0.3342 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(182, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 183, 179)  
}
```

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(182, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 183, 179) }
```

Border

The CSS property to change the border of an element to Yxy 47.0667, 0.3150, 0.3342 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(182, 183, 179) }
```

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

```
.border{ border-color:rgb(182, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 183,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0667, 0.3150, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 183, 179) }
```

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

```
.background{ background-color: rgb(182,  
183, 179) }
```

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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