

Converting Colors

$Yxy(47.0762, 0.3150, 0.3388)$

Have a look what the booklet for
Yxy(47.0762, 0.3150, 0.3388)
contains.

Yxy(47.1189, 0.3156, 0.3395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.1189, 0.3156, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	B4B8B0
RGB	180, 184, 176
RGB Percent	71%, 72%, 69%
CMY	0.2941, 0.2784, 0.3097
CMYK	0.02, 0.00, 0.04, 0.28
HSL	90°, 5%, 71%
HSV	90°, 4%, 72%
XYZ	43.8018, 47.1189, 47.8684
YIQ	181.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

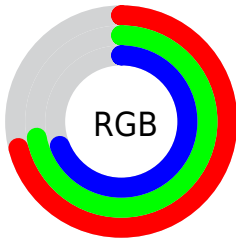
Format	Color
RYB	176, 184, 180
Decimal	11843760
CIELab	74.27, -2.87, 3.56
CIELCh	74, 4.568, 128.899
Yxy	47.1189, 0.3156, 0.3395
Android (android.graphics.Color)	4290033840 (0xFFB4B8B0)
YUV	181.8920, -2.9048, -1.6593
Hunter-Lab	68.6432, -6.2232, 6.7043

Details

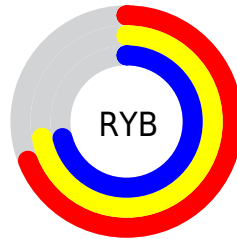
The Yxy color `47.1189, 0.3156, 0.3395` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `44.2222, 0.3097, 0.3185`, and the grayscale version is `46.7354, 0.3127, 0.3290`.

A 20% lighter version of the original color is `85.9792, 0.3150, 0.3372`, and `22.1999, 0.3156, 0.3416` is the 20% darker color. If you saturate the color by 10%, you get `45.3732, 0.3222, 0.3652`, and if you desaturate by 10%, it is `49.0407, 0.3090, 0.3159`.

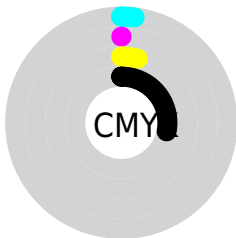
Distribution



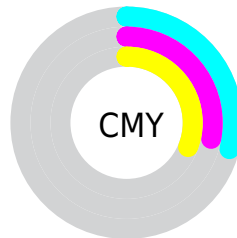
- Red (71%)
- Green (72%)
- Blue (69%)



- Red (69%)
- Yellow (72%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1189, 0.3156, 0.3395 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 47.1189, 0.3156, 0.3395 by changing the saturation by 10% instead.

■ 47.1189, 0.3156,
0.3395

■ 47.1189, 0.3156,
0.3395

375.2889, 0.3142,
0.3342

■ 33.1297, 0.3160,
0.3408

■ 85.8911, 0.3151,
0.3376

■ 22.2258, 0.3164,
0.3425

111.4428, 0.3149,
0.3369

■ 14.0229, 0.3170,
0.3448

141.6175, 0.3147,
0.3363

■ 8.1366, 0.3178,
0.3480

176.7995, 0.3146,
0.3357

■ 4.1825, 0.3190,
0.3528

217.3733, 0.3145,
0.3353

■ 1.7762, 0.3210,
0.3610

263.7232, 0.3144,

■ 0.4722, 0.3392,

0.3349

0.4229

316.2336, 0.3143,
0.3345

0.0000, 0.0000,
0.0000

47.1189, 0.3156,
0.3395

47.1189, 0.3156,
0.3395

45.3732, 0.3222,
0.3652

49.0407, 0.3090,
0.3159

43.7921, 0.3287,
0.3929

51.1376, 0.3026,
0.2946

42.3721, 0.3347,
0.4220

53.4166, 0.2964,
0.2754

41.1071, 0.3398,
0.4517

55.8821, 0.2907,
0.2583

39.9906, 0.3436,
0.4808

57.6719, 0.2939,
0.2547

■ 39.0156, 0.3457,
0.5081

■ 59.1995, 0.3008,
0.2562

■ 38.1744, 0.3457,
0.5320

■ 60.8082, 0.3078,
0.2577

■ 37.4582, 0.3436,
0.5512

■ 62.4991, 0.3149,
0.2592

■ 36.8568, 0.3394,
0.5648

■ 62.7614, 0.3160,
0.2595

Harmonies

Analogous

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



47.1189, 0.3213, 0.3399



47.1189, 0.3156, 0.3395



47.1189, 0.3092, 0.3362

Triad

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



47.1189, 0.3156, 0.3395



47.1189, 0.3009, 0.3206



47.1189, 0.3218, 0.3270

Complementary

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



47.1189, 0.3156, 0.3395



44.2222, 0.3097, 0.3185

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.



47.1189, 0.3162, 0.3220



47.1189, 0.3156, 0.3395



47.1189, 0.3042, 0.3183

Square

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



47.1189, 0.3156, 0.3395



47.1189, 0.3007, 0.3252



47.1189, 0.3098, 0.3188



47.1189, 0.3249, 0.3326

Rectangle

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



47.1189, 0.3156, 0.3395



47.1189, 0.3054, 0.3328



47.1189, 0.3098, 0.3188



47.1189, 0.3201, 0.3252

Sweetspot

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



47.1209, 0.3156, 0.3395



86.5399, 0.3134, 0.3314



45.9717, 0.3194, 0.3342



18.6601, 0.3134, 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.



47.1209, 0.3156, 0.3395



85.1722, 0.3161, 0.3413



46.6486, 0.3122, 0.3396



10.4224, 0.3164, 0.3426



25.2363, 0.3375, 0.5702



0.9264, 0.3577, 0.5542

Inverse Universe

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



44.2222, 0.3097, 0.3185



79.0466, 0.3092, 0.3167



44.7083, 0.3132, 0.3186



9.5976, 0.3088, 0.3154



3.9954, 0.2036, 0.0895



0.1776, 0.2325, 0.1054

Previews

White Background



This preview shows how the Yxy color 47.1189, 0.3156, 0.3395 looks on a white background.

Color Contrast Check

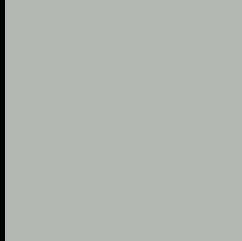
Large Text (above 18pt) WCAG AA × Fail

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 47.1189, 0.3156, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

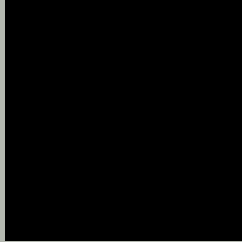
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

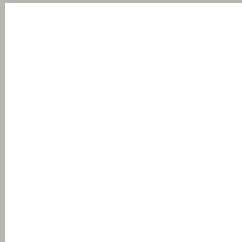
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1189, 0.3156, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 47.1189, 0.3156, 0.3395.



This preview shows how white text looks on a background with the Yxy color 47.1189, 0.3156, 0.3395.

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

47.1189, 0.3156, 0.3395

Protanopia

47.2424, 0.3235, 0.3381

Deuteranopia

46.8216, 0.3342, 0.3266



Tritanopia

47.0552, 0.3035, 0.3111

Trichromacy



Original Color

47.1189, 0.3156, 0.3395

Protanomaly

47.2764, 0.3208, 0.3394

Deuteranomaly

46.8839, 0.3275, 0.3316

Tritanomaly

47.0318, 0.3080, 0.3212

Monochromacy



Original Color

47.1189, 0.3156, 0.3395

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9860, 0.3134, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1189, 0.3156, 0.3395 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(180, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 184, 176)  
}
```

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(180, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 184, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.1189, 0.3156, 0.3395 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(180, 184, 176) }
```

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

```
.border{ border-color:rgb(180, 184, 176) }
```

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

Here you see how a box with a 4 pixel rgb(180, 184, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(180, 184,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1189, 0.3156, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 184, 176) }
```

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

```
.background{ background-color: rgb(180,  
184, 176) }
```

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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