

Converting Colors

$Yxy(47.4263, 0.3190, 0.3877)$

Have a look what the booklet for
Yxy(47.4263, 0.3190, 0.3877)
contains.

Yxy(47.4783, 0.3188, 0.3876)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.4783, 0.3188, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	A1C096
RGB	161, 192, 150
RGB Percent	63%, 75%, 59%
CMY	0.3687, 0.2470, 0.4117
CMYK	0.16, 0.00, 0.22, 0.25
HSL	104°, 25%, 67%
HSV	104°, 22%, 75%
XYZ	39.0508, 47.4783, 35.9640
YIQ	177.9430, -4.9940, -19.6340

Conversions

Conversions Part 2

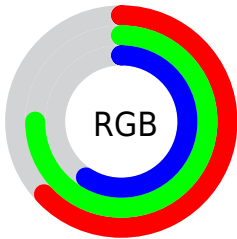
Format	Color
RYB	150, 192, 181
Decimal	10600598
CIELab	74.49, -18.36, 17.78
CIELCh	74, 25.552, 135.922
Yxy	47.4783, 0.3188, 0.3876
Android (android.graphics.Color)	4288790678 (0xFFA1C096)
YUV	177.9430, -13.7759, -14.8590
Hunter-Lab	68.9045, -19.4202, 17.2874

Details

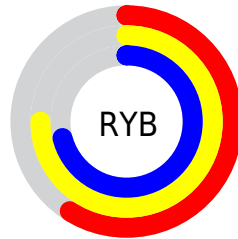
The Yxy color $47.4783, 0.3188, 0.3876$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $35.4499, 0.3048, 0.2736$, and the grayscale version is $44.5652, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0934, 0.3181, 0.3763$, and $22.3290, 0.3199, 0.4048$ is the 20% darker color. If you saturate the color by 10%, you get $45.5208, 0.3211, 0.4184$, and if you desaturate by 10%, it is $49.7084, 0.3161, 0.3592$.

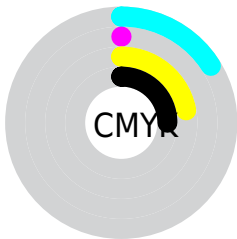
Distribution



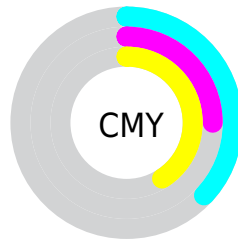
- Red (63%)
- Green (75%)
- Blue (59%)



- Red (59%)
- Yellow (75%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (25%)



- Cyan (37%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4783, 0.3188, 0.3876 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 47.4783, 0.3188, 0.3876 by changing the saturation by 10% instead.

■ 47.4783, 0.3188,
0.3876

■ 47.4783, 0.3188,
0.3876

376.7205, 0.3163,
0.3575

■ 33.4139, 0.3193,
0.3954

■ 86.4271, 0.3180,
0.3765

■ 22.4437, 0.3197,
0.4055

■ 112.0804, 0.3177,
0.3723

■ 14.1833, 0.3201,
0.4193

142.3654, 0.3174,
0.3689

■ 8.2483, 0.3203,
0.4389

177.6665, 0.3171,
0.3659

■ 4.2542, 0.3194,
0.4690

218.3682, 0.3169,
0.3634

■ 1.8168, 0.3215,
0.5311

264.8549, 0.3166,

■ 0.4976, 0.0475,

0.3611

0.9525

317.5108, 0.3165,
0.3592

0.0000, 0.0000,
0.0000

47.4783, 0.3188,
0.3876

47.4783, 0.3188,
0.3876

45.5208, 0.3211,
0.4184

49.7084, 0.3161,
0.3592

43.8192, 0.3227,
0.4508

52.2150, 0.3133,
0.3335

42.3644, 0.3234,
0.4836

55.0092, 0.3103,
0.3106

41.1444, 0.3230,
0.5152

58.1002, 0.3074,
0.2903

40.1460, 0.3214,
0.5434

61.4965, 0.3046,
0.2725

■ 39.3545, 0.3184,
0.5664

■ 64.5306, 0.3089,
0.2660

■ 38.7533, 0.3144,
0.5826

■ 66.1825, 0.3156,
0.2673

■ 38.3850, 0.3108,
0.5914

Harmonies

Analogous

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



47.4783, 0.3528, 0.3920



47.4783, 0.3188, 0.3876



47.4783, 0.2844, 0.3644

Triad

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



47.4783, 0.3188, 0.3876



47.4783, 0.2516, 0.2778



47.4783, 0.3694, 0.3236

Complementary

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



47.4783, 0.3188, 0.3876



35.4499, 0.3048, 0.2736

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.



47.4783, 0.3395, 0.2969



47.4783, 0.3188, 0.3876



47.4783, 0.2716, 0.2709

Square

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



47.4783, 0.3188, 0.3876



47.4783, 0.2469, 0.2988



47.4783, 0.3034, 0.2781



47.4783, 0.3833, 0.3528

Rectangle

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



47.4783, 0.3188, 0.3876



47.4783, 0.2658, 0.3423



47.4783, 0.3034, 0.2781



47.4783, 0.3608, 0.3141

Sweetspot

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



47.4803, 0.3188, 0.3876



92.1592, 0.3148, 0.3466



46.3796, 0.3481, 0.3692



19.7126, 0.3150, 0.3482



97.7402, 0.3127, 0.3290



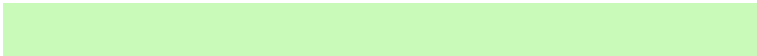
20.4902, 0.3127, 0.3290

Same Dimension

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



47.4803, 0.3188, 0.3876



84.3520, 0.3199, 0.4013



46.7189, 0.3029, 0.3747



11.3832, 0.3154, 0.3525



25.8594, 0.3116, 0.5908



1.1520, 0.3289, 0.5771

Inverse Universe

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



35.4499, 0.3048, 0.2736



58.8732, 0.3027, 0.2615



36.4095, 0.3244, 0.2872



10.1108, 0.3097, 0.3060



6.4595, 0.2563, 0.1185



0.3109, 0.2714, 0.1268

Previews

White Background



This preview shows how the Yxy color 47.4783, 0.3188, 0.3876 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 47.4783, 0.3188, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

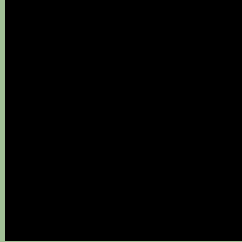
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4783, 0.3188, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 47.4783, 0.3188, 0.3876.



This preview shows how white text looks on a background with the Yxy color 47.4783, 0.3188, 0.3876.

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

47.4783, 0.3188, 0.3876

Protanopia

47.4116, 0.3527, 0.3769

Deuteranopia

47.1995, 0.3646, 0.3574



Tritanopia

47.3031, 0.2887, 0.3094

Trichromacy



Original Color

47.4783, 0.3188, 0.3876

Protanomaly

47.1695, 0.3403, 0.3811

Deuteranomaly

47.0604, 0.3471, 0.3680

Tritanomaly

47.4508, 0.2994, 0.3370

Monochromacy



Original Color

47.4783, 0.3188, 0.3876

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.4648, 0.3152, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4783, 0.3188, 0.3876 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(161, 192, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 192, 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(161, 192, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 192, 150) }
```

Border

The CSS property to change the border of an element to Yxy 47.4783, 0.3188, 0.3876 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(161, 192, 150) }
```

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

```
.border{ border-color:rgb(161, 192, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 192, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 192, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 192, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 192,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4783, 0.3188, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 192, 150) }
```

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

```
.background{ background-color: rgb(161,  
192, 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](#).

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