

Converting Colors

$Yxy(48.3161, 0.3167, 0.3820)$

Have a look what the booklet for
Yxy(48.3161, 0.3167, 0.3820)
contains.

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Color

Yxy(48.2930, 0.3167, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	A3C19B
RGB	163, 193, 155
RGB Percent	64%, 76%, 61%
CMY	0.3607, 0.2431, 0.3923
CMYK	0.16, 0.00, 0.20, 0.24
HSL	107°, 23%, 68%
HSV	107°, 20%, 76%
XYZ	40.0902, 48.2930, 38.2040
YIQ	179.6980, -5.6820, -18.1780

Conversions

Conversions Part 2

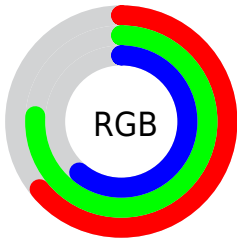
Format	Color
RYB	155, 193, 185
Decimal	10731931
CIELab	75.01, -17.31, 15.85
CIElCh	75, 23.467, 137.515
Yxy	48.2930, 0.3167, 0.3815
Android (android.graphics.Color)	4288922011 (0xFFA3C19B)
YUV	179.6980, -12.1761, -14.6441
Hunter-Lab	69.4932, -18.6376, 16.0504

Details

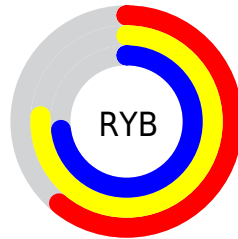
The Yxy color **48.2930, 0.3167, 0.3815** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.5917, 0.3074, 0.2796**, and the grayscale version is **45.5411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9298, 0.3158, 0.3715**, and **22.8442, 0.3171, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **46.1866, 0.3183, 0.4122**, and if you desaturate by 10%, it is **50.7005, 0.3148, 0.3535**.

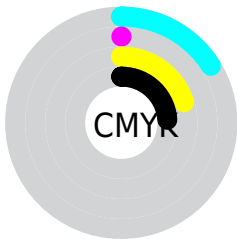
Distribution



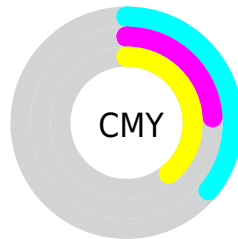
- Red (64%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2930, 0.3167, 0.3815 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 48.2930, 0.3167, 0.3815 by changing the saturation by 10% instead.


 48.2930, 0.3167,
0.3815

 48.2930, 0.3167,
0.3815


379.9523, 0.3151,
0.3546

 34.0590, 0.3169,
0.3884


 87.6405, 0.3162,
0.3716

 22.9389, 0.3172,
0.3974


 113.5228, 0.3160,
0.3679

 14.5484, 0.3173,
0.4095


144.0565, 0.3158,
0.3648

 8.5031, 0.3172,
0.4268

179.6263, 0.3157,
0.3622

 4.4185, 0.3163,
0.4533

220.6163, 0.3155,
0.3599

 1.9103, 0.3144,
0.5015

267.4111, 0.3154,

 0.5546, 0.1587,

0.3579

0.8413

320.3950, 0.3152,
0.3562

0.0000, 0.0000,
0.0000

48.2930, 0.3167,
0.3815

48.2930, 0.3167,
0.3815

46.1866, 0.3183,
0.4122

50.7005, 0.3148,
0.3535

44.3634, 0.3194,
0.4448

53.4140, 0.3127,
0.3283

42.8128, 0.3197,
0.4783


56.4460, 0.3105,
0.3060

41.5214, 0.3191,
0.5109


59.8066, 0.3083,
0.2864


40.4744, 0.3175,
0.5406


63.5052, 0.3061,
0.2693


 39.6556, 0.3148,
0.5651

 66.4934, 0.3151,
0.2682

 39.0465, 0.3113,
0.5828

 66.6217, 0.3156,
0.2683

 38.6199, 0.3075,
0.5938

 38.6095, 0.3074,
0.5941

Harmonies

Analogous

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



48.2930, 0.3480, 0.3867



48.2930, 0.3167, 0.3815



48.2930, 0.2854, 0.3597

Triad

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



48.2930, 0.3167, 0.3815



48.2930, 0.2573, 0.2815



48.2930, 0.3656, 0.3256

Complementary

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



48.2930, 0.3167, 0.3815



37.5917, 0.3074, 0.2796

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.



48.2930, 0.3389, 0.3008



48.2930, 0.3167, 0.3815



48.2930, 0.2765, 0.2757

Square

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



48.2930, 0.3167, 0.3815



48.2930, 0.2522, 0.3003



48.2930, 0.3060, 0.2829



48.2930, 0.3773, 0.3525

Rectangle

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



48.2930, 0.3167, 0.3815



48.2930, 0.2686, 0.3395



48.2930, 0.3060, 0.2829



48.2930, 0.3580, 0.3169

Sweetspot

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



48.2951, 0.3167, 0.3815



92.4923, 0.3140, 0.3440



48.3023, 0.3439, 0.3675



19.7756, 0.3142, 0.3457



97.7402, 0.3127, 0.3290



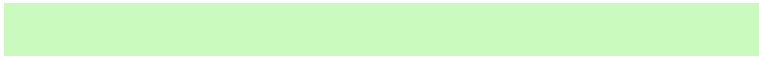
20.4902, 0.3127, 0.3290

Same Dimension

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



48.2951, 0.3167, 0.3815



84.6652, 0.3175, 0.3955



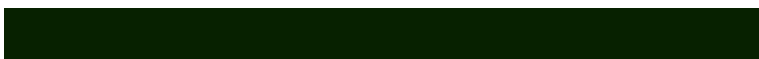
47.8509, 0.3025, 0.3669



11.3592, 0.3147, 0.3526



25.7073, 0.3081, 0.5936



1.1413, 0.3237, 0.5811

Inverse Universe

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



37.5917, 0.3074, 0.2796



61.7313, 0.3059, 0.2673



38.1568, 0.3248, 0.2938



10.1365, 0.3105, 0.3061



7.0477, 0.2684, 0.1252



0.3321, 0.2808, 0.1320

Previews

White Background



This preview shows how the Yxy color 48.2930, 0.3167, 0.3815 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 48.2930, 0.3167, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

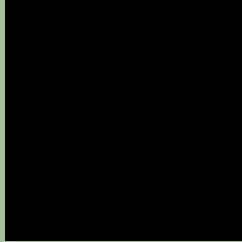
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2930, 0.3167, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 48.2930, 0.3167, 0.3815.



This preview shows how white text looks on a background with the Yxy color 48.2930, 0.3167, 0.3815.

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

48.2930, 0.3167, 0.3815

Protanopia

48.1174, 0.3492, 0.3715

Deuteranopia

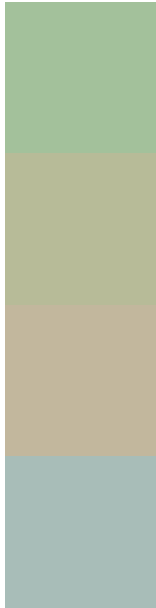
47.7618, 0.3598, 0.3524



Tritanopia

48.4156, 0.2896, 0.3109

Trichromacy



Original Color

48.2930, 0.3167, 0.3815

Protanomaly

47.8749, 0.3369, 0.3754

Deuteranomaly

47.7706, 0.3435, 0.3625

Tritanomaly

48.1807, 0.2995, 0.3356

Monochromacy



Original Color

48.2930, 0.3167, 0.3815

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.6369, 0.3144, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2930, 0.3167, 0.3815 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(163, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(163, 193, 155)  
}
```

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(163, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 193, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.2930, 0.3167, 0.3815 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(163, 193, 155) }
```

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

```
.border{ border-color:rgb(163, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(163, 193,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2930, 0.3167, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 193, 155) }
```

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

```
.background{ background-color: rgb(163,  
193, 155) }
```

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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