

Converting Colors

$Yxy(47.3149, 0.3172, 0.3823)$

Have a look what the booklet for
Yxy(47.3149, 0.3172, 0.3823)
contains.

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Color

Yxy(47.2429, 0.3175, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	A2BF99
RGB	162, 191, 153
RGB Percent	64%, 75%, 60%
CMY	0.3648, 0.2509, 0.4000
CMYK	0.15, 0.00, 0.20, 0.25
HSL	106°, 23%, 67%
HSV	106°, 20%, 75%
XYZ	39.2763, 47.2429, 37.1857
YIQ	177.9970, -5.0860, -17.9660

Conversions

Conversions Part 2

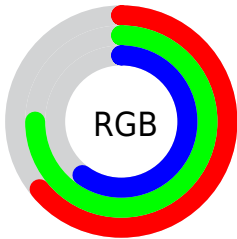
Format	Color
RYB	153, 191, 182
Decimal	10665881
CIELab	74.34, -17.00, 15.97
CIELCh	74, 23.321, 136.786
Yxy	47.2429, 0.3175, 0.3819
Android (android.graphics.Color)	4288855961 (0xFFA2BF99)
YUV	177.9970, -12.3235, -14.0294
Hunter-Lab	68.7335, -18.2835, 16.0368

Details

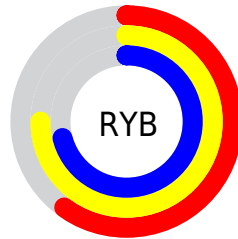
The Yxy color **47.2429, 0.3175, 0.3819** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.4954, 0.3065, 0.2790**, and the grayscale version is **44.5859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7782, 0.3171, 0.3719**, and **22.4513, 0.3181, 0.3986** is the 20% darker color. If you saturate the color by 10%, you get **45.2230, 0.3195, 0.4124**, and if you desaturate by 10%, it is **49.5452, 0.3152, 0.3539**.

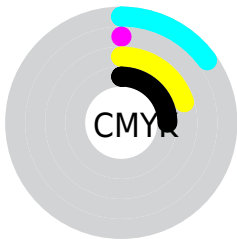
Distribution



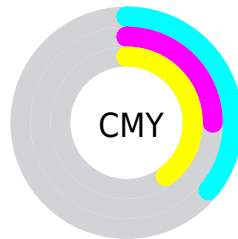
- Red (64%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2429, 0.3175, 0.3819 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 47.2429, 0.3175, 0.3819 by changing the saturation by 10% instead.

 47.2429, 0.3175,
0.3819


 47.2429, 0.3175,
0.3819


375.7833, 0.3155,
0.3547

 33.2277, 0.3178,
0.3889


 86.0761, 0.3169,
0.3719

 22.3009, 0.3182,
0.3980


 111.6629, 0.3166,
0.3681

 14.0782, 0.3185,
0.4104


141.8757, 0.3164,
0.3650

 8.1751, 0.3186,
0.4281

177.0988, 0.3162,
0.3624

 4.2072, 0.3179,
0.4554

217.7168, 0.3160,
0.3601

 1.7901, 0.3180,
0.5081

264.1139, 0.3158,

 0.4810, 0.0808,

0.3581

0.9192

316.6746, 0.3157,
0.3563

0.0000, 0.0000,
0.0000

47.2429, 0.3175,
0.3819

47.2429, 0.3175,
0.3819

45.2230, 0.3195,
0.4124

49.5452, 0.3152,
0.3539

43.4687, 0.3209,
0.4448

52.1342, 0.3127,
0.3288

41.9704, 0.3215,
0.4780


55.0214, 0.3101,
0.3064

40.7157, 0.3211,
0.5103


58.2163, 0.3076,
0.2867

39.6909, 0.3196,
0.5396

61.7275, 0.3051,
0.2695


 38.8812, 0.3168,
0.5639

 64.7247, 0.3115,
0.2655

 38.2695, 0.3131,
0.5816

 65.7467, 0.3157,
0.2663

 37.8300, 0.3091,
0.5927

 37.8262, 0.3090,
0.5928

Harmonies

Analogous

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



47.2429, 0.3487, 0.3866



47.2429, 0.3175, 0.3819



47.2429, 0.2861, 0.3604

Triad

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



47.2429, 0.3175, 0.3819



47.2429, 0.2569, 0.2817



47.2429, 0.3651, 0.3250

Complementary

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



47.2429, 0.3175, 0.3819



36.4954, 0.3065, 0.2790

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.



47.2429, 0.3382, 0.3002



47.2429, 0.3175, 0.3819



47.2429, 0.2758, 0.2756

Square

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



47.2429, 0.3175, 0.3819



47.2429, 0.2522, 0.3009



47.2429, 0.3052, 0.2825



47.2429, 0.3773, 0.3518

Rectangle

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



47.2429, 0.3175, 0.3819



47.2429, 0.2691, 0.3403



47.2429, 0.3052, 0.2825



47.2429, 0.3574, 0.3162

Sweetspot

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



47.2449, 0.3175, 0.3819



90.4257, 0.3143, 0.3440



46.6330, 0.3445, 0.3662



19.7906, 0.3144, 0.3457



97.7402, 0.3127, 0.3290



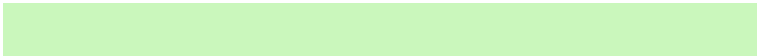
20.4902, 0.3127, 0.3290

Same Dimension

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



47.2449, 0.3175, 0.3819



82.9217, 0.3184, 0.3953



46.6657, 0.3033, 0.3692



10.7554, 0.3151, 0.3525



24.8869, 0.3098, 0.5922



1.0058, 0.3276, 0.5781

Inverse Universe

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



36.4954, 0.3065, 0.2790



60.0788, 0.3048, 0.2672



37.2180, 0.3237, 0.2919



9.5798, 0.3101, 0.3061



6.5221, 0.2625, 0.1220



0.2835, 0.2772, 0.1301

Previews

White Background



This preview shows how the Yxy color 47.2429, 0.3175, 0.3819 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 47.2429, 0.3175, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

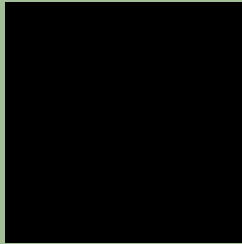
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2429, 0.3175, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 47.2429, 0.3175, 0.3819.



This preview shows how white text looks on a background with the Yxy color 47.2429, 0.3175, 0.3819.

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

47.2429, 0.3175, 0.3819

Protanopia

46.9633, 0.3496, 0.3719

Deuteranopia

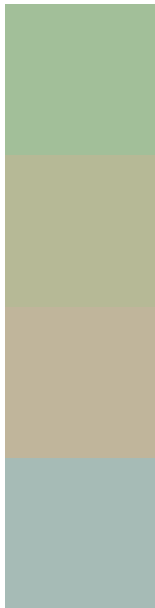
47.0063, 0.3600, 0.3539



Tritanopia

47.2565, 0.2894, 0.3107

Trichromacy



Original Color

47.2429, 0.3175, 0.3819

Protanomaly

46.8450, 0.3381, 0.3758

Deuteranomaly

46.6208, 0.3439, 0.3629

Tritanomaly

47.0250, 0.2994, 0.3357

Monochromacy



Original Color

47.2429, 0.3175, 0.3819

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.5022, 0.3144, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2429, 0.3175, 0.3819 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(162, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 191, 153)  
}
```

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(162, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 191, 153) }
```

Border

The CSS property to change the border of an element to Yxy 47.2429, 0.3175, 0.3819 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(162, 191, 153) }
```

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

```
.border{ border-color:rgb(162, 191, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 191, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 191,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2429, 0.3175, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 191, 153) }
```

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

```
.background{ background-color: rgb(162,  
191, 153) }
```

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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