

Converting Colors

$Yxy(47.9354, 0.2941, 0.3109)$

Have a look what the booklet for
Yxy(47.9354, 0.2941, 0.3109)
contains.

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Color

Yxy(47.9354, 0.2941, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	AFB9C7
RGB	175, 185, 199
RGB Percent	69%, 73%, 78%
CMY	0.3136, 0.2745, 0.2196
CMYK	0.12, 0.07, 0.00, 0.22
HSL	215°, 18%, 73%
HSV	215°, 12%, 78%
XYZ	45.3451, 47.9354, 60.9022
YIQ	183.6060, -10.4540, 2.2340

Conversions

Conversions Part 2

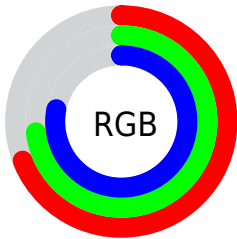
Format	Color
RYB	175, 182, 199
Decimal	11516359
CIELab	74.78, -0.62, -8.26
CIELCh	75, 8.285, 265.712
Yxy	47.9354, 0.2941, 0.3109
Android (android.graphics.Color)	4289706439 (0xFFAFB9C7)
YUV	183.6060, 7.5892, -7.5475
Hunter-Lab	69.2354, -4.2549, -3.6890

Details

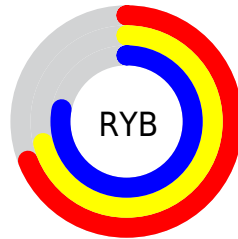
The Yxy color **47.9354, 0.2941, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6643, 0.3320, 0.3465**, and the grayscale version is **47.6707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1195, 0.2981, 0.3149**, and **22.6844, 0.2886, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **41.1279, 0.2778, 0.2939**, and if you desaturate by 10%, it is **55.4852, 0.3097, 0.3261**.

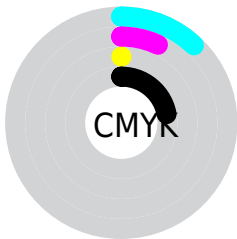
Distribution



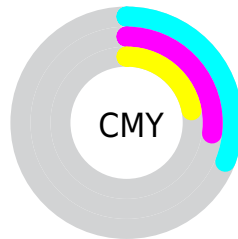
- Red (69%)
- Green (73%)
- Blue (78%)



- Red (69%)
- Yellow (71%)
- Blue (78%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9354, 0.2941, 0.3109 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 47.9354, 0.2941, 0.3109 by changing the saturation by 10% instead.

■ 47.9354, 0.2941,
0.3109

■ 47.9354, 0.2941,
0.3109

378.5360, 0.3033,
0.3199

■ 33.7757, 0.2918,
0.3087

■ 87.1082, 0.2974,
0.3142

■ 22.7214, 0.2889,
0.3058

112.8901, 0.2987,
0.3154

■ 14.3879, 0.2850,
0.3020

143.3150, 0.2998,
0.3164

■ 8.3909, 0.2797,
0.2968

178.7670, 0.3007,
0.3173

■ 4.3461, 0.2718,
0.2890

219.6308, 0.3015,
0.3181

■ 1.8690, 0.2591,
0.2764

266.2906, 0.3022,

■ 0.5296, 0.2235,

0.3188

0.2424

319.1309, 0.3028,
0.3194

0.0000, 0.0000,
0.0000

47.9354, 0.2941,
0.3109

47.9354, 0.2941,
0.3109

41.1279, 0.2778,
0.2939

55.4852, 0.3097,
0.3261

35.0324, 0.2609,
0.2752

63.7944, 0.3243,
0.3396

29.6252, 0.2438,
0.2549

72.8869, 0.3379,
0.3515

24.8788, 0.2271,
0.2332

82.7838, 0.3504,
0.3619

20.7635, 0.2113,
0.2107

89.6068, 0.3483,
0.3731

■ 17.2471, 0.1970,
0.1880

■ 96.8054, 0.3460,
0.3839

■ 14.2936, 0.1848,
0.1659

■ 96.9041, 0.3460,
0.3840

■ 11.8615, 0.1753,
0.1451

■ 10.2479, 0.1694,
0.1298

Harmonies

Analogous

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



47.9354, 0.2906, 0.3170



47.9354, 0.2941, 0.3109



47.9354, 0.3025, 0.3097

Triad

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



47.9354, 0.2941, 0.3109



47.9354, 0.3329, 0.3310



47.9354, 0.3113, 0.3453

Complementary

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



47.9354, 0.2941, 0.3109



51.6643, 0.3320, 0.3465

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.



47.9354, 0.3227, 0.3491



47.9354, 0.2941, 0.3109



47.9354, 0.3353, 0.3405

Square

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



47.9354, 0.2941, 0.3109



47.9354, 0.3250, 0.3212



47.9354, 0.3316, 0.3472



47.9354, 0.3004, 0.3370

Rectangle

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



47.9354, 0.2941, 0.3109



47.9354, 0.3099, 0.3117



47.9354, 0.3316, 0.3472



47.9354, 0.3152, 0.3472

Sweetspot

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



47.9374, 0.2941, 0.3109



94.3682, 0.3066, 0.3232



53.6469, 0.3014, 0.3418



19.9772, 0.3054, 0.3221



0.0000, 0.0000, 0.0000



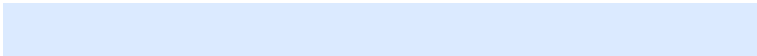
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9374, 0.2941, 0.3109



81.2379, 0.2906, 0.3074



44.1534, 0.2955, 0.2979



10.9985, 0.2983, 0.3151



6.7528, 0.1701, 0.1323



0.4620, 0.1817, 0.1741

Inverse Universe

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



46.3235, 0.3257, 0.3166



78.0269, 0.3284, 0.3143



55.8218, 0.3289, 0.3586



10.7087, 0.3226, 0.3194



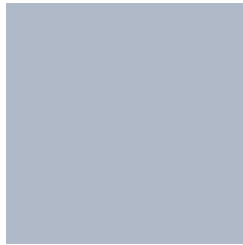
8.2217, 0.5294, 0.2690



0.4037, 0.4756, 0.2394

Previews

White Background



This preview shows how the Yxy color 47.9354, 0.2941, 0.3109 looks on a white background.

Color Contrast Check

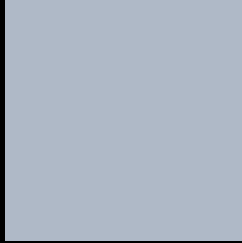
Large Text (above 18pt) WCAG AA × Fail

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 47.9354, 0.2941, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

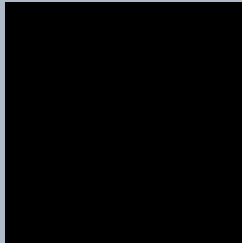
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

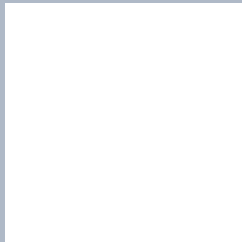
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9354, 0.2941, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 47.9354, 0.2941, 0.3109.

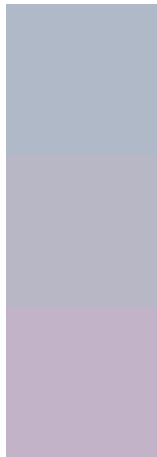


This preview shows how white text looks on a background with the Yxy color 47.9354, 0.2941, 0.3109.

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

47.9354, 0.2941, 0.3109

Protanopia

48.0115, 0.3012, 0.3100

Deuteranopia

47.8797, 0.3088, 0.3031



Tritanopia

47.9820, 0.2934, 0.3097

Trichromacy



Original Color

47.9354, 0.2941, 0.3109

Protanomaly

48.0615, 0.2988, 0.3111

Deuteranomaly

47.7827, 0.3030, 0.3051

Tritanomaly

47.9820, 0.2934, 0.3097

Monochromacy



Original Color

47.9354, 0.2941, 0.3109

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7789, 0.3064, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9354, 0.2941, 0.3109 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(175, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 199)  
}
```

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(175, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.9354, 0.2941, 0.3109 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(175, 185, 199) }
```

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

```
.border{ border-color:rgb(175, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 185,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9354, 0.2941, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 199) }
```

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

```
.background{ background-color: rgb(175,  
185, 199) }
```

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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