

Converting Colors

$Yxy(47.0874, 0.2895, 0.3103)$

Have a look what the booklet for
Yxy(47.0874, 0.2895, 0.3103)
contains.

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Color

Yxy(47.2565, 0.2894, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	A9B9C7
RGB	169, 185, 199
RGB Percent	66%, 73%, 78%
CMY	0.3373, 0.2745, 0.2197
CMYK	0.15, 0.07, 0.00, 0.22
HSL	208°, 21%, 72%
HSV	208°, 15%, 78%
XYZ	44.0168, 47.2565, 60.8235
YIQ	181.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

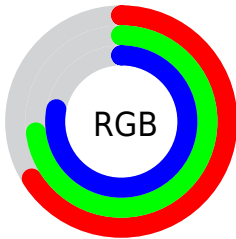
Format	Color
RYB	169, 179, 199
Decimal	11123143
CIELab	74.35, -2.62, -8.93
CIElCh	74, 9.308, 253.678
Yxy	47.2565, 0.2894, 0.3107
Android (android.graphics.Color)	4289313223 (0xFFA9B9C7)
YUV	181.8120, 8.4737, -11.2361
Hunter-Lab	68.7434, -6.0061, -4.3389

Details

The Yxy color $47.2565, 0.2894, 0.3107$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.8577, 0.3380, 0.3466$, and the grayscale version is $46.6302, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.9779, 0.2937, 0.3147$, and $22.3288, 0.2834, 0.3057$ is the 20% darker color. If you saturate the color by 10%, you get $41.4686, 0.2734, 0.2969$, and if you desaturate by 10%, it is $53.6362, 0.3050, 0.3232$.

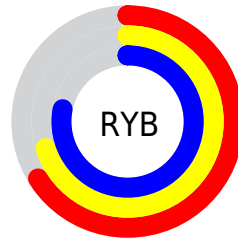
Distribution



Red (66%)

Green (73%)

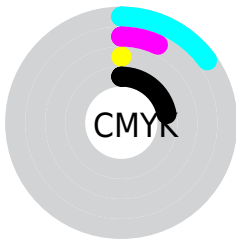
Blue (78%)



Red (66%)

Yellow (70%)

Blue (78%)

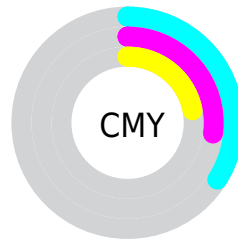


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2565, 0.2894, 0.3107 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 47.2565, 0.2894, 0.3107 by changing the saturation by 10% instead.

■ 47.2565, 0.2894,
0.3107

■ 47.2565, 0.2894,
0.3107

■ 375.8374, 0.3010,
0.3199

■ 33.2385, 0.2865,
0.3084

■ 86.0964, 0.2936,
0.3140

■ 22.3092, 0.2829,
0.3055

■ 111.6870, 0.2952,
0.3153

■ 14.0843, 0.2781,
0.3016

■ 141.9040, 0.2965,
0.3163

■ 8.1793, 0.2714,
0.2961

■ 177.1316, 0.2976,
0.3172

■ 4.2099, 0.2615,
0.2880

■ 217.7544, 0.2986,
0.3180

■ 1.7917, 0.2457,
0.2746

■ 264.1567, 0.2995,

■ 0.4820, 0.1935,

0.3187

0.2365

316.7229, 0.3003,
0.3193

0.0000, 0.0000,
0.0000

47.2565, 0.2894,
0.3107

47.2565, 0.2894,
0.3107

41.4686, 0.2734,
0.2969

53.6362, 0.3050,
0.3232

36.2468, 0.2574,
0.2818

60.6208, 0.3200,
0.3343

31.5719, 0.2417,
0.2655

68.2298, 0.3344,
0.3442

27.4212, 0.2267,
0.2482

76.4805, 0.3479,
0.3530

23.7699, 0.2130,
0.2303

82.7414, 0.3507,
0.3617

■ 20.5906, 0.2009,
0.2121

■ 88.0811, 0.3488,
0.3707

■ 17.8523, 0.1910,
0.1941

■ 93.7000, 0.3470,
0.3794

■ 15.5183, 0.1834,
0.1768

■ 96.9028, 0.3460,
0.3840

■ 14.4851, 0.1801,
0.1685

Harmonies

Analogous

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



47.2565, 0.2881, 0.3194



47.2565, 0.2894, 0.3107



47.2565, 0.2969, 0.3071

Triad

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



47.2565, 0.2894, 0.3107



47.2565, 0.3326, 0.3266



47.2565, 0.3164, 0.3499

Complementary

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



47.2565, 0.2894, 0.3107



48.8577, 0.3380, 0.3466

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.



47.2565, 0.3285, 0.3516



47.2565, 0.2894, 0.3107



47.2565, 0.3380, 0.3378

Square

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



47.2565, 0.2894, 0.3107



47.2565, 0.3218, 0.3163



47.2565, 0.3365, 0.3470



47.2565, 0.3035, 0.3423

Rectangle

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



47.2565, 0.2894, 0.3107



47.2565, 0.3044, 0.3079



47.2565, 0.3365, 0.3470



47.2565, 0.3207, 0.3512

Sweetspot

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



47.2585, 0.2894, 0.3107



93.9293, 0.3050, 0.3232



52.6711, 0.3013, 0.3506



19.9268, 0.3039, 0.3223



0.0000, 0.0000, 0.0000



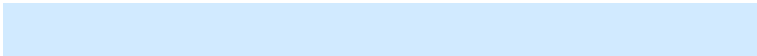
21.4041, 0.3127, 0.3290

Same Dimension

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



47.2585, 0.2894, 0.3107



79.4148, 0.2843, 0.3064



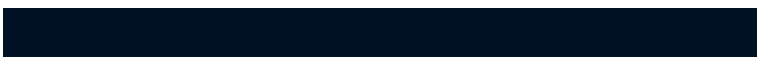
41.4913, 0.2887, 0.2912



11.2097, 0.2983, 0.3180



9.4928, 0.1808, 0.1708



0.5935, 0.1907, 0.2066

Inverse Universe

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



44.0162, 0.3264, 0.3090



72.8282, 0.3298, 0.3045



55.1568, 0.3353, 0.3642



10.7300, 0.3208, 0.3167



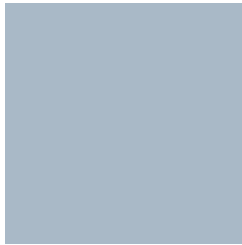
8.4983, 0.4797, 0.2416



0.4169, 0.4378, 0.2186

Previews

White Background



This preview shows how the Yxy color 47.2565, 0.2894, 0.3107 looks on a white background.

Color Contrast Check

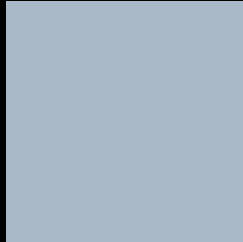
Large Text (above 18pt) WCAG AA × Fail

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 47.2565, 0.2894, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

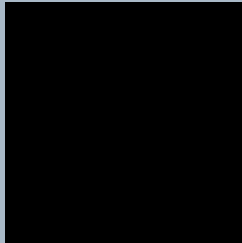
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

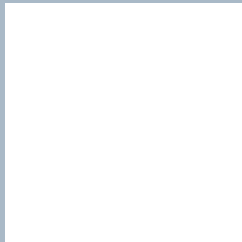
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2565, 0.2894, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 47.2565, 0.2894, 0.3107.

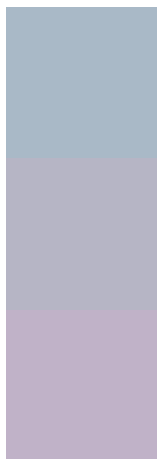


This preview shows how white text looks on a background with the Yxy color 47.2565, 0.2894, 0.3107.

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

47.2565, 0.2894, 0.3107

Protanopia

47.0240, 0.3011, 0.3086

Deuteranopia

47.2174, 0.3072, 0.3017



Tritanopia

47.3031, 0.2887, 0.3094

Trichromacy



Original Color

47.2565, 0.2894, 0.3107

Protanomaly

46.8802, 0.2963, 0.3084

Deuteranomaly

47.4082, 0.3005, 0.3050

Tritanomaly

47.3031, 0.2887, 0.3094

Monochromacy



Original Color

47.2565, 0.2894, 0.3107

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8449, 0.3038, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2565, 0.2894, 0.3107 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(169, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 185, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.2565, 0.2894, 0.3107 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(169, 185, 199) }
```

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

```
.border{ border-color:rgb(169, 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(169, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 185,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2565, 0.2894, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 185, 199) }
```

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

```
.background{ background-color: rgb(169,  
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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