

Converting Colors

$Yxy(35.3238, 0.3010, 0.3907)$

Have a look what the booklet for
Yxy(35.3238, 0.3010, 0.3907)
contains.

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Color

Yxy(35.5114, 0.3013, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	7CAC86
RGB	124, 172, 134
RGB Percent	49%, 67%, 53%
CMY	0.5136, 0.3255, 0.4745
CMYK	0.28, 0.00, 0.22, 0.33
HSL	132°, 22%, 58%
HSV	132°, 28%, 67%
XYZ	27.3717, 35.5114, 27.9622
YIQ	153.3160, -16.4100, -21.9940

Conversions

Conversions Part 2

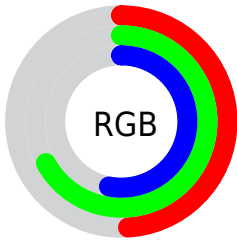
Format	Color
RYB	124, 164, 172
Decimal	8170630
CIELab	66.14, -23.89, 14.50
CIELCh	66, 27.946, 148.736
Yxy	35.5114, 0.3013, 0.3909
Android (android.graphics.Color)	4286360710 (0xFF7CAC86)
YUV	153.3160, -9.5228, -25.7101
Hunter-Lab	59.5914, -22.2960, 13.8933

Details

The Yxy color **35.5114, 0.3013, 0.3909** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.8066, 0.3267, 0.2742**, and the grayscale version is **32.0517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5396, 0.3044, 0.3788**, and **15.2502, 0.2962, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **33.9845, 0.2975, 0.4177**, and if you desaturate by 10%, it is **37.3138, 0.3053, 0.3664**.

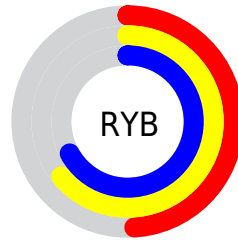
Distribution



Red (49%)

Green (67%)

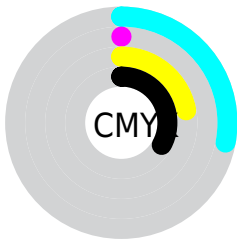
Blue (53%)



Red (49%)

Yellow (64%)

Blue (67%)

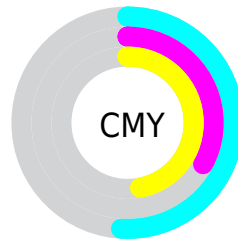


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (51%)


Magenta (33%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5114, 0.3013, 0.3909 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 35.5114, 0.3013, 0.3909 by changing the saturation by 10% instead.

 35.5114, 0.3013,
0.3909


 35.5114, 0.3013,
0.3909


326.8199, 0.3079,
0.3573

 24.0571, 0.2993,
0.4002


 68.2773, 0.3039,
0.3780

 15.3760, 0.2965,
0.4129


 90.3576, 0.3048,
0.3734

 9.0837, 0.2924,
0.4309


 116.7487, 0.3056,
0.3696

 4.7958, 0.2855,
0.4585

147.8350, 0.3062,
0.3663

 2.1280, 0.2725,
0.5059

184.0009, 0.3067,
0.3636

 0.6803, 0.0853,
0.9147

225.6307, 0.3072,

 0.0000, 0.0000,

0.3612

0.0000

273.1089, 0.3075,
0.3592

■ 35.5114, 0.3013,
0.3909

■ 35.5114, 0.3013,
0.3909

■ 33.9845, 0.2975,
0.4177

■ 37.3138, 0.3053,
0.3664

■ 32.7153, 0.2943,
0.4463

■ 39.3998, 0.3095,
0.3445

■ 31.6905, 0.2919,
0.4758

■ 41.7827, 0.3136,
0.3251

■ 30.8941, 0.2905,
0.5050

■ 44.4734, 0.3175,
0.3081

■ 30.3080, 0.2903,
0.5322

■ 47.4826, 0.3213,
0.2933

■ 29.9111, 0.2914,
0.5558

■ 50.8201, 0.3249,
0.2804

■ 29.6708, 0.2935,
0.5746

■ 54.4957, 0.3282,
0.2693

■ 29.6291, 0.2939,
0.5780

■ 57.2373, 0.3259,
0.2584

■ 57.9836, 0.3165,
0.2479

Harmonies

Analogous

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



35.5114, 0.3437, 0.4062



35.5114, 0.3013, 0.3909



35.5114, 0.2636, 0.3549

Triad

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



35.5114, 0.3013, 0.3909



35.5114, 0.2479, 0.2622



35.5114, 0.3913, 0.3368

Complementary

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



35.5114, 0.3013, 0.3909



25.8066, 0.3267, 0.2742

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.



35.5114, 0.3621, 0.3033



35.5114, 0.3013, 0.3909



35.5114, 0.2782, 0.2618

Square

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



35.5114, 0.3013, 0.3909



35.5114, 0.2344, 0.2796



35.5114, 0.3198, 0.2766



35.5114, 0.3974, 0.3707

Rectangle

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



35.5114, 0.3013, 0.3909



35.5114, 0.2459, 0.3266



35.5114, 0.3198, 0.2766



35.5114, 0.3838, 0.3252

Sweetspot

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



35.5129, 0.3013, 0.3909



71.3743, 0.3094, 0.3450



38.6839, 0.3446, 0.3994



15.3835, 0.3088, 0.3481



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.5129, 0.3013, 0.3909



62.7862, 0.2991, 0.4059



36.2471, 0.2833, 0.3516



8.9655, 0.3089, 0.3475



22.0566, 0.2935, 0.5765



0.6212, 0.2781, 0.5212

Inverse Universe

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



25.8066, 0.3267, 0.2742



42.4405, 0.3303, 0.2628



25.0437, 0.3543, 0.3076



8.1192, 0.3168, 0.3112



7.8644, 0.3804, 0.1869



0.2259, 0.3593, 0.1753

Previews

White Background



This preview shows how the Yxy color 35.5114, 0.3013, 0.3909 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 35.5114, 0.3013, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

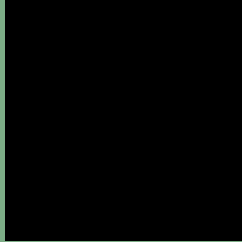
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5114, 0.3013, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 35.5114, 0.3013, 0.3909.



This preview shows how white text looks on a background with the Yxy color 35.5114, 0.3013, 0.3909.

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

35.5114, 0.3013, 0.3909

Protanopia

35.2462, 0.3524, 0.3759

Deuteranopia

35.1365, 0.3592, 0.3514



Tritanopia

35.5137, 0.2739, 0.3093

Trichromacy



Original Color

35.5114, 0.3013, 0.3909

Protanomaly

34.9349, 0.3322, 0.3812

Deuteranomaly

34.9773, 0.3355, 0.3649

Tritanomaly

35.3954, 0.2837, 0.3367

Monochromacy



Original Color

35.5114, 0.3013, 0.3909

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.9677, 0.3079, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5114, 0.3013, 0.3909 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(124, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(124, 172, 134)  
}
```

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(124, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 172, 134) }
```

Border

The CSS property to change the border of an element to Yxy 35.5114, 0.3013, 0.3909 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(124, 172, 134) }
```

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

```
.border{ border-color:rgb(124, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(124, 172,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5114, 0.3013, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 172, 134) }
```

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

```
.background{ background-color: rgb(124,  
172, 134) }
```

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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