

Converting Colors

$Y_{xy}(36.5129, 0.3129, 0.3821)$

Have a look what the booklet for
Yxy(36.5129, 0.3129, 0.3821)
contains.

Yxy(36.5074, 0.3129, 0.3821)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.5074, 0.3129, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	8CAB89
RGB	140, 171, 137
RGB Percent	55%, 67%, 54%
CMY	0.4509, 0.3294, 0.4627
CMYK	0.18, 0.00, 0.20, 0.33
HSL	115°, 17%, 60%
HSV	115°, 20%, 67%
XYZ	29.8957, 36.5074, 29.1410
YIQ	157.8550, -7.5620, -17.1460

Conversions

Conversions Part 2

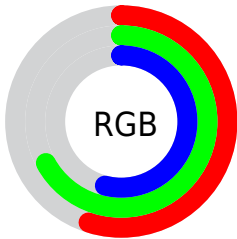
Format	Color
RYB	137, 171, 168
Decimal	9218953
CIELab	66.91, -17.31, 14.05
CIELCh	67, 22.300, 140.936
Yxy	36.5074, 0.3129, 0.3821
Android (android.graphics.Color)	4287409033 (0xFF8CAB89)
YUV	157.8550, -10.2815, -15.6588
Hunter-Lab	60.4214, -17.4177, 13.6996

Details

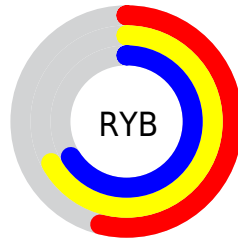
The Yxy color **36.5074, 0.3129, 0.3821** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.1585, 0.3118, 0.2802**, and the grayscale version is **34.1750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5798, 0.3135, 0.3714**, and **16.0056, 0.3118, 0.4012** is the 20% darker color. If you saturate the color by 10%, you get **34.7966, 0.3127, 0.4133**, and if you desaturate by 10%, it is **38.4909, 0.3129, 0.3538**.

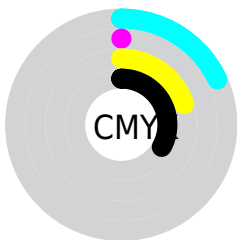
Distribution



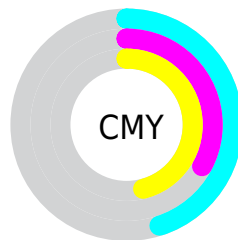
- Red (55%)
- Green (67%)
- Blue (54%)



- Red (54%)
- Yellow (67%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)





- Cyan (45%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5074, 0.3129, 0.3821 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 36.5074, 0.3129, 0.3821 by changing the saturation by 10% instead.

 36.5074, 0.3129,
0.3821


 36.5074, 0.3129,
0.3821


331.1729, 0.3132,
0.3536


 24.8263, 0.3126,
0.3899


 69.8145, 0.3131,
0.3713

 15.9477, 0.3122,
0.4004


 92.2093, 0.3132,
0.3673

 9.4872, 0.3113,
0.4151


 118.9442, 0.3132,
0.3641

 5.0603, 0.3095,
0.4374

150.4035, 0.3132,
0.3614

 2.2827, 0.3053,
0.4747

186.9716, 0.3132,
0.3590

 0.7645, 0.2845,
0.7155

229.0330, 0.3132,

 0.0000, 0.0000,

0.3570

0.0000

276.9719, 0.3132,
0.3552

■ 36.5074, 0.3129,
0.3821

■ 36.5074, 0.3129,
0.3821

■ 34.7966, 0.3127,
0.4133

■ 38.4909, 0.3129,
0.3538

■ 33.3423, 0.3121,
0.4468

■ 40.7534, 0.3127,
0.3287

■ 32.1333, 0.3111,
0.4814

■ 43.3069, 0.3124,
0.3067

■ 31.1561, 0.3098,
0.5151

■ 46.1611, 0.3120,
0.2875

■ 30.3959, 0.3081,
0.5456

■ 49.3255, 0.3116,
0.2710

■ 29.8359, 0.3060,
0.5705

■ 52.8090, 0.3111,
0.2566

■ 29.4570, 0.3039,
0.5878

■ 56.5095, 0.3119,
0.2457

■ 29.2304, 0.3022,
0.5982

■ 57.6058, 0.3166,
0.2469

■ 29.2283, 0.3022,
0.5983

Harmonies

Analogous

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



36.5074, 0.3460, 0.3895



36.5074, 0.3129, 0.3821



36.5074, 0.2809, 0.3577

Triad

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



36.5074, 0.3129, 0.3821



36.5074, 0.2566, 0.2781



36.5074, 0.3702, 0.3286

Complementary

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



36.5074, 0.3129, 0.3821



29.1585, 0.3118, 0.2802

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.



36.5074, 0.3437, 0.3023



36.5074, 0.3129, 0.3821



36.5074, 0.2780, 0.2737

Square

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



36.5074, 0.3129, 0.3821



36.5074, 0.2495, 0.2961



36.5074, 0.3096, 0.2826



36.5074, 0.3803, 0.3564

Rectangle

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



36.5074, 0.3129, 0.3821



36.5074, 0.2643, 0.3362



36.5074, 0.3096, 0.2826



36.5074, 0.3628, 0.3194

Sweetspot

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



36.5090, 0.3129, 0.3821



70.4035, 0.3128, 0.3440



38.3224, 0.3429, 0.3729



15.6448, 0.3129, 0.3456



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.



36.5090, 0.3129, 0.3821



63.9328, 0.3128, 0.3960



36.6665, 0.2993, 0.3606



8.9720, 0.3129, 0.3523



22.0445, 0.3025, 0.5980



0.6239, 0.3128, 0.5899

Inverse Universe

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



29.1585, 0.3118, 0.2802



48.2689, 0.3115, 0.2688



29.0001, 0.3289, 0.2994



8.1115, 0.3124, 0.3066



7.5473, 0.2991, 0.1422



0.2202, 0.3062, 0.1460

Previews

White Background



This preview shows how the Yxy color 36.5074, 0.3129, 0.3821 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 36.5074, 0.3129, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

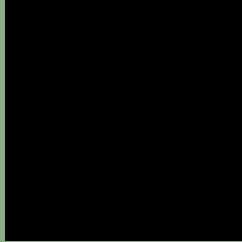
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5074, 0.3129, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 36.5074, 0.3129, 0.3821.



This preview shows how white text looks on a background with the Yxy color 36.5074, 0.3129, 0.3821.

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

36.5074, 0.3129, 0.3821

Protanopia

36.3048, 0.3491, 0.3710

Deuteranopia

36.1095, 0.3586, 0.3512



Tritanopia

36.3277, 0.2860, 0.3099

Trichromacy



Original Color

36.5074, 0.3129, 0.3821

Protanomaly

36.1051, 0.3354, 0.3754

Deuteranomaly

35.7888, 0.3407, 0.3611

Tritanomaly

36.2111, 0.2954, 0.3350

Monochromacy



Original Color

36.5074, 0.3129, 0.3821

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.9757, 0.3127, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5074, 0.3129, 0.3821 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(140, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(140, 171, 137)  
}
```

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(140, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 171, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.5074, 0.3129, 0.3821 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(140, 171, 137) }
```

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

```
.border{ border-color:rgb(140, 171, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(140, 171,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5074, 0.3129, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 171, 137) }
```

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

```
.background{ background-color: rgb(140,  
171, 137) }
```

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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