

Converting Colors

$Yxy(36.4022, 0.3187, 0.3933)$

Have a look what the booklet for
Yxy(36.4022, 0.3187, 0.3933)
contains.

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Color

Yxy(36.3130, 0.3186, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	8CAB82
RGB	140, 171, 130
RGB Percent	55%, 67%, 51%
CMY	0.4510, 0.3294, 0.4901
CMYK	0.18, 0.00, 0.24, 0.33
HSL	105°, 20%, 59%
HSV	105°, 24%, 67%
XYZ	29.4085, 36.3130, 26.5840
YIQ	157.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

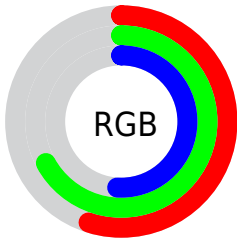
Format	Color
RYB	130, 171, 161
Decimal	9218946
CIELab	66.76, -18.54, 17.68
CIELCh	67, 25.620, 136.347
Yxy	36.3130, 0.3186, 0.3934
Android (android.graphics.Color)	4287409026 (0xFF8CAB82)
YUV	157.0570, -13.3391, -14.9590
Hunter-Lab	60.2603, -18.3429, 16.0262

Details

The Yxy color **36.3130, 0.3186, 0.3934** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.4893, 0.3047, 0.2687**, and the grayscale version is **33.8083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2809, 0.3180, 0.3799**, and **15.8967, 0.3195, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **34.8344, 0.3205, 0.4244**, and if you desaturate by 10%, it is **38.0031, 0.3163, 0.3647**.

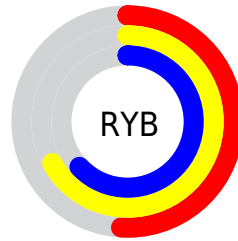
Distribution



Red (55%)

Green (67%)

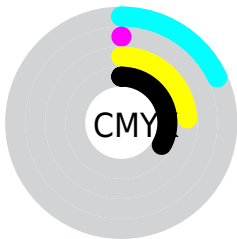
Blue (51%)



Red (51%)

Yellow (67%)

Blue (63%)

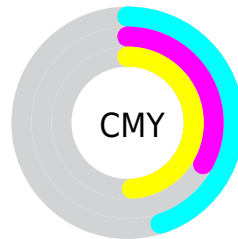


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (45%)


Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3130, 0.3186, 0.3934 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 36.3130, 0.3186, 0.3934 by changing the saturation by 10% instead.


 36.3130, 0.3186,
0.3934


 36.3130, 0.3186,
0.3934


330.3265, 0.3161,
0.3588

 24.6760, 0.3190,
0.4029


 69.5149, 0.3179,
0.3802

 15.8359, 0.3193,
0.4157


 91.8486, 0.3175,
0.3754

 9.4081, 0.3194,
0.4337


 118.5167, 0.3172,
0.3715

 5.0083, 0.3187,
0.4609

149.9036, 0.3170,
0.3681

 2.2521, 0.3161,
0.5073

186.3936, 0.3167,
0.3653

 0.7482, 0.2569,
0.7431

228.3712, 0.3165,

 0.0000, 0.0000,

0.3628

0.0000

276.2207, 0.3163,
0.3606

■ 36.3130, 0.3186,
0.3934

■ 36.3130, 0.3186,
0.3934

■ 34.8344, 0.3205,
0.4244

■ 38.0031, 0.3163,
0.3647

■ 33.5543, 0.3217,
0.4569

■ 39.9080, 0.3138,
0.3386

■ 32.4654, 0.3221,
0.4896

■ 42.0365, 0.3111,
0.3153

■ 31.5580, 0.3213,
0.5208

■ 44.3957, 0.3085,
0.2947

■ 30.8217, 0.3194,
0.5483

■ 46.9925, 0.3059,
0.2765

■ 30.2448, 0.3163,
0.5702

■ 49.8332, 0.3034,
0.2606

■ 29.8138, 0.3123,
0.5853

■ 52.9240, 0.3010,
0.2467

■ 29.6118, 0.3100,
0.5921

■ 55.4862, 0.3074,
0.2446

■ 57.6067, 0.3166,
0.2469

Harmonies

Analogous

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



36.3130, 0.3560, 0.3982



36.3130, 0.3186, 0.3934



36.3130, 0.2811, 0.3675

Triad

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



36.3130, 0.3186, 0.3934



36.3130, 0.2462, 0.2727



36.3130, 0.3753, 0.3233

Complementary

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



36.3130, 0.3186, 0.3934



26.4893, 0.3047, 0.2687

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.



36.3130, 0.3426, 0.2944



36.3130, 0.3186, 0.3934



36.3130, 0.2682, 0.2657

Square

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



36.3130, 0.3186, 0.3934



36.3130, 0.2409, 0.2953



36.3130, 0.3029, 0.2738



36.3130, 0.3902, 0.3551

Rectangle

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



36.3130, 0.3186, 0.3934



36.3130, 0.2610, 0.3429



36.3130, 0.3029, 0.2738



36.3130, 0.3659, 0.3131

Sweetspot

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



36.3146, 0.3186, 0.3934



70.3516, 0.3146, 0.3465



35.6750, 0.3513, 0.3738



15.6445, 0.3147, 0.3480



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.



36.3146, 0.3186, 0.3934



63.5204, 0.3197, 0.4104



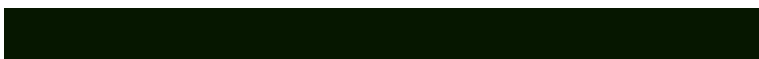
35.7752, 0.3015, 0.3781



9.0301, 0.3151, 0.3522



22.3435, 0.3106, 0.5916



0.6469, 0.3330, 0.5738

Inverse Universe

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



26.4893, 0.3047, 0.2687



42.7010, 0.3023, 0.2541



27.1928, 0.3263, 0.2845



8.0483, 0.3100, 0.3064



5.7803, 0.2609, 0.1211



0.1842, 0.2801, 0.1317

Previews

White Background



This preview shows how the Yxy color 36.3130, 0.3186, 0.3934 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 36.3130, 0.3186, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

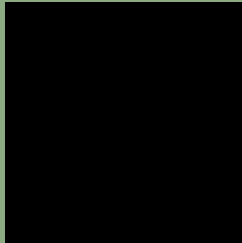
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3130, 0.3186, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 36.3130, 0.3186, 0.3934.



This preview shows how white text looks on a background with the Yxy color 36.3130, 0.3186, 0.3934.

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

36.3130, 0.3186, 0.3934

Protanopia

36.2313, 0.3567, 0.3810

Deuteranopia

36.1618, 0.3677, 0.3607



Tritanopia

36.4205, 0.2868, 0.3100

Trichromacy



Original Color

36.3130, 0.3186, 0.3934

Protanomaly

36.0196, 0.3426, 0.3859

Deuteranomaly

35.8136, 0.3493, 0.3712

Tritanomaly

36.2304, 0.2979, 0.3380

Monochromacy



Original Color

36.3130, 0.3186, 0.3934

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.5266, 0.3154, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3130, 0.3186, 0.3934 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(140, 171, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 171, 130) }
```

Border

The CSS property to change the border of an element to Yxy 36.3130, 0.3186, 0.3934 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, 130) }
```

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

```
.border{ border-color:rgb(140, 171, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(140, 171,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3130, 0.3186, 0.3934 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, 130) }
```

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

```
.background{ background-color: rgb(140,  
171, 130) }
```

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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