

Converting Colors

Yxy(36.4812, 0.3194, 0.4118)

Have a look what the booklet for
Yxy(36.4812, 0.3194, 0.4118)
contains.

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Color

Yxy(36.3606, 0.3193, 0.4104)

Conversions

Conversions Part 1

Format	Color
Hex	86AD7A
RGB	134, 173, 122
RGB Percent	53%, 68%, 48%
CMY	0.4745, 0.3216, 0.5215
CMYK	0.23, 0.00, 0.29, 0.32
HSL	106°, 24%, 58%
HSV	106°, 29%, 68%
XYZ	28.2893, 36.3606, 23.9480
YIQ	155.5250, -6.8730, -24.1290

Conversions

Conversions Part 2

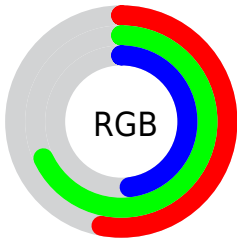
Format	Color
RYB	122, 173, 161
Decimal	8826234
CIELab	66.79, -23.04, 22.02
CIELCh	67, 31.872, 136.290
Yxy	36.3606, 0.3193, 0.4104
Android (android.graphics.Color)	4287016314 (0xFF86AD7A)
YUV	155.5250, -16.5278, -18.8774
Hunter-Lab	60.2998, -21.7822, 18.6628

Details

The Yxy color **36.3606, 0.3193, 0.4104** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.5230, 0.3028, 0.2542**, and the grayscale version is **33.1020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8251, 0.3185, 0.3937**, and **15.7530, 0.3193, 0.4379** is the 20% darker color. If you saturate the color by 10%, you get **34.9502, 0.3207, 0.4425**, and if you desaturate by 10%, it is **37.9866, 0.3173, 0.3802**.

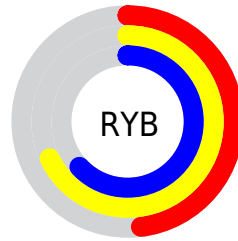
Distribution



Red (53%)

Green (68%)

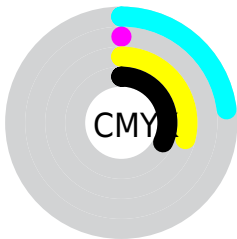
Blue (48%)



Red (48%)

Yellow (68%)

Blue (63%)

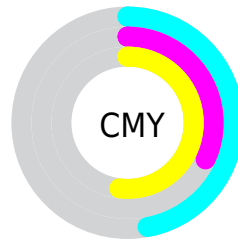


Cyan (23%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (47%)


Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.3606, 0.3193, 0.4104 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 36.3606, 0.3193, 0.4104 by changing the saturation by 10% instead.


 36.3606, 0.3193,
0.4104


 36.3606, 0.3193,
0.4104


330.5339, 0.3169,
0.3663

 24.7128, 0.3195,
0.4226


 69.5883, 0.3187,
0.3935

 15.8632, 0.3195,
0.4389


 91.9370, 0.3184,
0.3875

 9.4274, 0.3188,
0.4620


 118.6214, 0.3181,
0.3824

 5.0210, 0.3164,
0.4968

150.0260, 0.3178,
0.3782

 2.2596, 0.3146,
0.5644

186.5352, 0.3175,
0.3746

 0.7522, 0.1686,
0.8314

228.5333, 0.3173,

 0.0000, 0.0000,

0.3715

0.0000

276.4047, 0.3171,
0.3687

■ 36.3606, 0.3193,
0.4104

■ 36.3606, 0.3193,
0.4104

■ 34.9502, 0.3207,
0.4425

■ 37.9866, 0.3173,
0.3802

■ 33.7417, 0.3214,
0.4754

■ 39.8321, 0.3151,
0.3526

■ 32.7269, 0.3211,
0.5076

■ 41.9065, 0.3126,
0.3277

■ 31.8951, 0.3197,
0.5371

■ 44.2176, 0.3101,
0.3057

■ 31.2349, 0.3171,
0.5619

■ 46.7726, 0.3075,
0.2862

■ 30.7328, 0.3135,
0.5801

■ 49.5784, 0.3051,
0.2691

■ 30.3685, 0.3095,
0.5920

■ 52.6417, 0.3028,
0.2542

■ 30.3519, 0.3093,
0.5926

■ 55.6142, 0.3045,
0.2458

■ 58.0146, 0.3150,
0.2485

Harmonies

Analogous

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



36.3606, 0.3656, 0.4151



36.3606, 0.3193, 0.4104



36.3606, 0.2733, 0.3775

Triad

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



36.3606, 0.3193, 0.4104



36.3606, 0.2313, 0.2595



36.3606, 0.3907, 0.3212

Complementary

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



36.3606, 0.3193, 0.4104



24.5230, 0.3028, 0.2542

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.



36.3606, 0.3495, 0.2865



36.3606, 0.3193, 0.4104



36.3606, 0.2576, 0.2517

Square

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



36.3606, 0.3193, 0.4104



36.3606, 0.2249, 0.2865



36.3606, 0.3001, 0.2617



36.3606, 0.4092, 0.3598

Rectangle

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



36.3606, 0.3193, 0.4104



36.3606, 0.2489, 0.3460



36.3606, 0.3001, 0.2617



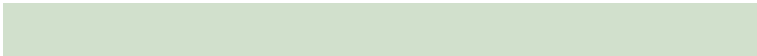
36.3606, 0.3789, 0.3089

Sweetspot

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



36.3622, 0.3193, 0.4104



71.4438, 0.3150, 0.3518



35.5215, 0.3611, 0.3844



15.4191, 0.3153, 0.3555



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.



36.3622, 0.3193, 0.4104



63.5230, 0.3203, 0.4300



35.7703, 0.2990, 0.3913



9.0268, 0.3150, 0.3522



22.3199, 0.3099, 0.5921



0.6456, 0.3319, 0.5747

Inverse Universe

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



24.5230, 0.3028, 0.2542



39.0329, 0.3001, 0.2380



25.3574, 0.3301, 0.2739



8.0518, 0.3101, 0.3064



5.8687, 0.2630, 0.1222



0.1860, 0.2815, 0.1325

Previews

White Background



This preview shows how the Yxy color 36.3606, 0.3193, 0.4104 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 36.3606, 0.3193, 0.4104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

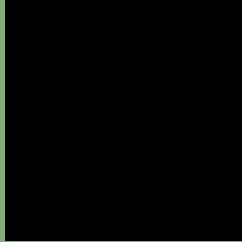
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3606, 0.3193, 0.4104

Background



This preview shows how black text looks on a background with the Yxy color 36.3606, 0.3193, 0.4104.



This preview shows how white text looks on a background with the Yxy color 36.3606, 0.3193, 0.4104.

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

36.3606, 0.3193, 0.4104

Protanopia

36.1237, 0.3661, 0.3938

Deuteranopia

35.8962, 0.3772, 0.3687



Tritanopia

36.3667, 0.2820, 0.3098

Trichromacy



Original Color

36.3606, 0.3193, 0.4104

Protanomaly

35.9753, 0.3474, 0.3998

Deuteranomaly

35.8674, 0.3545, 0.3830

Tritanomaly

36.4200, 0.2960, 0.3458

Monochromacy



Original Color

36.3606, 0.3193, 0.4104

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.1502, 0.3152, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3606, 0.3193, 0.4104 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(134, 173, 122)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 122)  
}
```

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(134, 173, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 122) }
```

Border

The CSS property to change the border of an element to Yxy 36.3606, 0.3193, 0.4104 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(134, 173, 122) }
```

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

```
.border{ border-color:rgb(134, 173, 122) }
```

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

Here you see how a box with a 4 pixel rgb(134, 173, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 122);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3606, 0.3193, 0.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 122) }
```

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

```
.background{ background-color: rgb(134,  
173, 122) }
```

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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