

Converting Colors

Yxy(36.0682, 0.3027, 0.4016)

Have a look what the booklet for
Yxy(36.0682, 0.3027, 0.4016)
contains.

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Color

Yxy(36.0214, 0.3026, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	7AAE82
RGB	122, 174, 130
RGB Percent	48%, 68%, 51%
CMY	0.5217, 0.3176, 0.4902
CMYK	0.30, 0.00, 0.25, 0.32
HSL	129°, 24%, 58%
HSV	129°, 30%, 68%
XYZ	27.1890, 36.0214, 26.6409
YIQ	153.4360, -16.8680, -24.7080

Conversions

Conversions Part 2

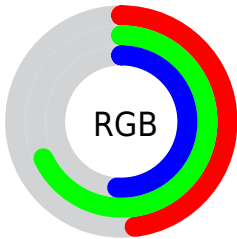
Format	Color
RYB	122, 167, 174
Decimal	8040066
CIELab	66.54, -26.31, 17.21
CIElCh	67, 31.441, 146.807
Yxy	36.0214, 0.3026, 0.4009
Android (android.graphics.Color)	4286230146 (0xFF7AAE82)
YUV	153.4360, -11.5539, -27.5694
Hunter-Lab	60.0178, -24.1679, 15.6946

Details

The Yxy color **36.0214, 0.3026, 0.4009** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.6650, 0.3249, 0.2664**, and the grayscale version is **32.1108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2426, 0.3054, 0.3862**, and **15.5935, 0.2982, 0.4272** is the 20% darker color. If you saturate the color by 10%, you get **34.4973, 0.2995, 0.4300**, and if you desaturate by 10%, it is **37.8324, 0.3060, 0.3741**.

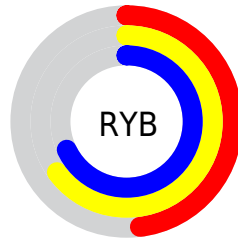
Distribution



Red (48%)

Green (68%)

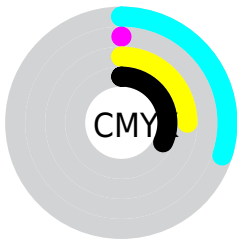
Blue (51%)



Red (48%)

Yellow (65%)

Blue (68%)

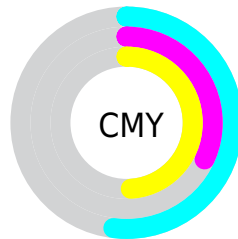


Cyan (30%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (52%)


Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0214, 0.3026, 0.4009 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 36.0214, 0.3026, 0.4009 by changing the saturation by 10% instead.


 36.0214, 0.3026,
0.4009


 36.0214, 0.3026,
0.4009


329.0541, 0.3087,
0.3618

 24.4507, 0.3007,
0.4118


 69.0651, 0.3051,
0.3859

 15.6683, 0.2979,
0.4265


 91.3069, 0.3059,
0.3805

 9.2897, 0.2936,
0.4475


 117.8745, 0.3066,
0.3761

 4.9307, 0.2864,
0.4796

149.1524, 0.3072,
0.3723

 2.2066, 0.2729,
0.5355

185.5249, 0.3077,
0.3691

 0.7236, 0.0591,
0.9409

227.3764, 0.3081,

 0.0000, 0.0000,

0.3664

0.0000

275.0913, 0.3084,
0.3640

■ 36.0214, 0.3026,
0.4009

■ 36.0214, 0.3026,
0.4009

■ 34.4973, 0.2995,
0.4300

■ 37.8324, 0.3060,
0.3741

■ 33.2412, 0.2968,
0.4608

■ 39.9393, 0.3094,
0.3501

■ 32.2386, 0.2948,
0.4919


■ 42.3563, 0.3127,
0.3288


■ 31.4720, 0.2937,
0.5218


■ 45.0951, 0.3160,
0.3102


■ 30.9218, 0.2937,
0.5486


■ 48.1671, 0.3190,
0.2940

 30.5649, 0.2947,
0.5704


 51.5830, 0.3219,
0.2799

 30.3555, 0.2962,
0.5862

 55.3531, 0.3246,
0.2678

 30.3537, 0.2962,
0.5864

 58.2955, 0.3220,
0.2562

 58.7552, 0.3164,
0.2498

Harmonies

Analogous

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



36.0214, 0.3499, 0.4159



36.0214, 0.3026, 0.4009



36.0214, 0.2601, 0.3611

Triad

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



36.0214, 0.3026, 0.4009



36.0214, 0.2391, 0.2553



36.0214, 0.3994, 0.3346

Complementary

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



36.0214, 0.3026, 0.4009



25.6650, 0.3249, 0.2664

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.



36.0214, 0.3652, 0.2981



36.0214, 0.3026, 0.4009



36.0214, 0.2714, 0.2540

Square

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



36.0214, 0.3026, 0.4009



36.0214, 0.2256, 0.2755



36.0214, 0.3173, 0.2695



36.0214, 0.4079, 0.3725

Rectangle

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



36.0214, 0.3026, 0.4009



36.0214, 0.2398, 0.3289



36.0214, 0.3173, 0.2695



36.0214, 0.3904, 0.3220

Sweetspot

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



36.0229, 0.3026, 0.4009



72.7449, 0.3096, 0.3484



39.8087, 0.3494, 0.4041



16.0378, 0.3091, 0.3517



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.0229, 0.3026, 0.4009



63.4169, 0.3005, 0.4203



36.8044, 0.2833, 0.3577



8.9588, 0.3096, 0.3487



22.0194, 0.2958, 0.5850



0.6186, 0.2831, 0.5391

Inverse Universe

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



25.6650, 0.3249, 0.2664



41.5218, 0.3282, 0.2523



24.8117, 0.3552, 0.3022



8.1265, 0.3160, 0.3100



8.0650, 0.3635, 0.1776



0.2300, 0.3487, 0.1695

Previews

White Background



This preview shows how the Yxy color 36.0214, 0.3026, 0.4009 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 36.0214, 0.3026, 0.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

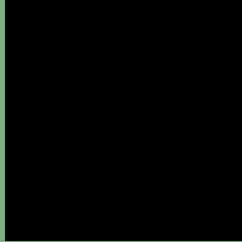
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0214, 0.3026, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 36.0214, 0.3026, 0.4009.

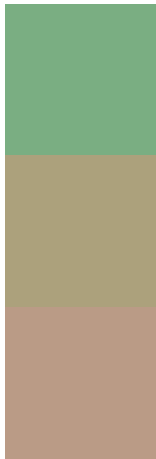


This preview shows how white text looks on a background with the Yxy color 36.0214, 0.3026, 0.4009.

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

36.0214, 0.3026, 0.4009

Protanopia

35.7156, 0.3579, 0.3827

Deuteranopia

35.6030, 0.3650, 0.3582



Tritanopia

35.8792, 0.2718, 0.3079

Trichromacy



Original Color

36.0214, 0.3026, 0.4009

Protanomaly

35.6488, 0.3363, 0.3901

Deuteranomaly

35.3206, 0.3400, 0.3722

Tritanomaly

35.9473, 0.2830, 0.3414

Monochromacy



Original Color

36.0214, 0.3026, 0.4009

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.2849, 0.3087, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0214, 0.3026, 0.4009 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(122, 174, 130)` looks like.

```
.text, #text, p{  
    color:rgb(122, 174, 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(122, 174, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 174, 130) }
```

Border

The CSS property to change the border of an element to Yxy 36.0214, 0.3026, 0.4009 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(122, 174, 130) }
```

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

```
.border{ border-color:rgb(122, 174, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 174, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(122, 174,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0214, 0.3026, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 174, 130) }
```

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

```
.background{ background-color: rgb(122,  
174, 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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