

Converting Colors

$Yxy(36.1246, 0.3164, 0.4200)$

Have a look what the booklet for
Yxy(36.1246, 0.3164, 0.4200)
contains.

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Color

Yxy(36.0921, 0.3161, 0.4200)

Conversions

Conversions Part 1

Format	Color
Hex	7FAE76
RGB	127, 174, 118
RGB Percent	50%, 68%, 46%
CMY	0.5018, 0.3177, 0.5372
CMYK	0.27, 0.00, 0.32, 0.32
HSL	110°, 26%, 57%
HSV	110°, 32%, 68%
XYZ	27.1636, 36.0921, 22.6779
YIQ	153.5630, -10.0360, -27.3800

Conversions

Conversions Part 2

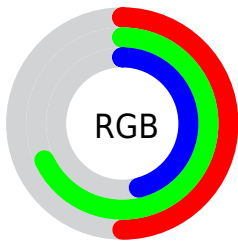
Format	Color
RYB	118, 174, 165
Decimal	8367734
CIELab	66.59, -26.65, 23.84
CIELCh	67, 35.757, 138.176
Yxy	36.0921, 0.3161, 0.4200
Android (android.graphics.Color)	4286557814 (0xFF7FAE76)
YUV	153.5630, -17.5326, -23.2958
Hunter-Lab	60.0767, -24.4257, 19.6728

Details

The Yxy color **36.0921, 0.3161, 0.4200** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.0113, 0.3062, 0.2482**, and the grayscale version is **32.1995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3577, 0.3160, 0.4007**, and **15.6409, 0.3147, 0.4519** is the 20% darker color. If you saturate the color by 10%, you get **34.6764, 0.3164, 0.4532**, and if you desaturate by 10%, it is **37.7495, 0.3154, 0.3887**.

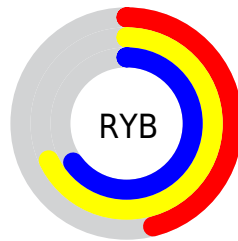
Distribution



Red (50%)

Green (68%)

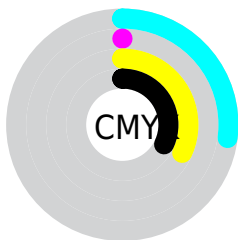
Blue (46%)



Red (46%)

Yellow (68%)

Blue (65%)

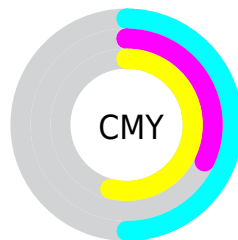


Cyan (27%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (50%)


Magenta (32%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0921, 0.3161, 0.4200 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 36.0921, 0.3161, 0.4200 by changing the saturation by 10% instead.


 36.0921, 0.3161,
0.4200


 36.0921, 0.3161,
0.4200


329.3629, 0.3156,
0.3704

 24.5053, 0.3157,
0.4338


 69.1742, 0.3163,
0.4010

 15.7089, 0.3147,
0.4524


 91.4383, 0.3162,
0.3941

 9.3184, 0.3127,
0.4787


 118.0303, 0.3161,
0.3885

 4.9494, 0.3078,
0.5184

149.3347, 0.3160,
0.3837

 2.2176, 0.3054,
0.6040

185.7357, 0.3159,
0.3797

 0.7296, 0.0556,
0.9444

227.6178, 0.3158,

 0.0000, 0.0000,

0.3762

0.0000

275.3654, 0.3157,
0.3731

■ 36.0921, 0.3161,
0.4200

■ 36.0921, 0.3161,
0.4200

■ 34.6764, 0.3164,
0.4532

■ 37.7495, 0.3154,
0.3887

■ 33.4866, 0.3160,
0.4870

■ 39.6545, 0.3143,
0.3600

■ 32.5122, 0.3149,
0.5195


■ 41.8182, 0.3130,
0.3342

■ 31.7401, 0.3130,
0.5486


■ 44.2501, 0.3116,
0.3114


■ 31.1555, 0.3103,
0.5718


■ 46.9588, 0.3102,
0.2914

 30.7416, 0.3072,
0.5878

 49.9527, 0.3087,
0.2740

 30.5178, 0.3050,
0.5960

 53.2399, 0.3073,
0.2588

 56.6851, 0.3076,
0.2476

 58.7500, 0.3164,
0.2498

Harmonies

Analogous

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



36.0921, 0.3685, 0.4265



36.0921, 0.3161, 0.4200



36.0921, 0.2653, 0.3808

Triad

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



36.0921, 0.3161, 0.4200



36.0921, 0.2233, 0.2501



36.0921, 0.4028, 0.3224

Complementary

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



36.0921, 0.3161, 0.4200



24.0113, 0.3062, 0.2482

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.



36.0921, 0.3572, 0.2837



36.0921, 0.3161, 0.4200



36.0921, 0.2536, 0.2432

Square

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



36.0921, 0.3161, 0.4200



36.0921, 0.2148, 0.2783



36.0921, 0.3016, 0.2556



36.0921, 0.4215, 0.3650

Rectangle

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



36.0921, 0.3161, 0.4200



36.0921, 0.2391, 0.3444



36.0921, 0.3016, 0.2556



36.0921, 0.3899, 0.3087

Sweetspot

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



36.0936, 0.3161, 0.4200



72.6804, 0.3141, 0.3546



37.0957, 0.3641, 0.3958



16.0392, 0.3142, 0.3583



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.



36.0936, 0.3161, 0.4200



63.5032, 0.3163, 0.4449



35.9193, 0.2943, 0.3901



8.9991, 0.3139, 0.3523



22.1541, 0.3055, 0.5957



0.6347, 0.3226, 0.5821

Inverse Universe

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



24.0113, 0.3062, 0.2482



37.9441, 0.3041, 0.2291



24.3358, 0.3376, 0.2750



8.0817, 0.3113, 0.3065



6.6661, 0.2811, 0.1322



0.2026, 0.2939, 0.1393

Previews

White Background



This preview shows how the Yxy color 36.0921, 0.3161, 0.4200 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 36.0921, 0.3161, 0.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

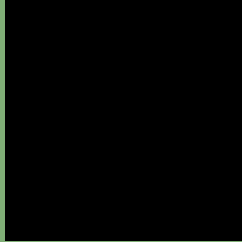
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0921, 0.3161, 0.4200

Background



This preview shows how black text looks on a background with the Yxy color 36.0921, 0.3161, 0.4200.



This preview shows how white text looks on a background with the Yxy color 36.0921, 0.3161, 0.4200.

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

36.0921, 0.3161, 0.4200

Protanopia

35.6807, 0.3702, 0.3981

Deuteranopia

35.7950, 0.3812, 0.3742



Tritanopia

35.9710, 0.2771, 0.3081

Trichromacy



Original Color

36.0921, 0.3161, 0.4200

Protanomaly

35.6783, 0.3489, 0.4063

Deuteranomaly

35.4366, 0.3551, 0.3895

Tritanomaly

35.8786, 0.2917, 0.3476

Monochromacy



Original Color

36.0921, 0.3161, 0.4200

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.3421, 0.3141, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0921, 0.3161, 0.4200 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(127, 174, 118)` looks like.

```
.text, #text, p{  
    color:rgb(127, 174, 118)  
}
```

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(127, 174, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 174, 118) }
```

Border

The CSS property to change the border of an element to Yxy 36.0921, 0.3161, 0.4200 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(127, 174, 118) }
```

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

```
.border{ border-color:rgb(127, 174, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 174, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 174, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 174, 118);  
box-shadow:4px 4px 4px 4px rgb(127, 174,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0921, 0.3161, 0.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 174, 118) }
```

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

```
.background{ background-color: rgb(127,  
174, 118) }
```

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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