

Converting Colors

$Yxy(34.3760, 0.3082, 0.4258)$

Have a look what the booklet for
Yxy(34.3760, 0.3082, 0.4258)
contains.

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Color

Yxy(34.3877, 0.3082, 0.4253)

Conversions

Conversions Part 1

Format	Color
Hex	73AC73
RGB	115, 172, 115
RGB Percent	45%, 67%, 45%
CMY	0.5489, 0.3255, 0.5490
CMYK	0.33, 0.00, 0.33, 0.33
HSL	120°, 26%, 56%
HSV	120°, 33%, 67%
XYZ	24.9196, 34.3877, 21.5479
YIQ	148.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

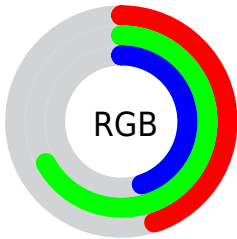
Format	Color
RYB	115, 172, 172
Decimal	7580787
CIELab	65.27, -30.28, 23.57
CIELCh	65, 38.374, 142.106
Yxy	34.3877, 0.3082, 0.4253
Android (android.graphics.Color)	4285770867 (0xFF73AC73)
YUV	148.4590, -16.4953, -29.3435
Hunter-Lab	58.6410, -26.7680, 19.2624

Details

The Yxy color **34.3877, 0.3082, 0.4253** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.0139, 0.3165, 0.2484**, and the grayscale version is **29.8940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7118, 0.3105, 0.4055**, and **14.6770, 0.3044, 0.4608** is the 20% darker color. If you saturate the color by 10%, you get **32.9699, 0.3066, 0.4601**, and if you desaturate by 10%, it is **36.0999, 0.3097, 0.3926**.

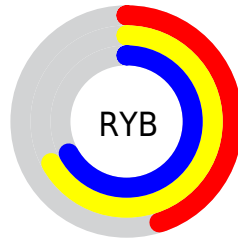
Distribution



Red (45%)

Green (67%)

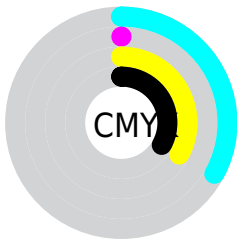
Blue (45%)



Red (45%)

Yellow (67%)

Blue (67%)

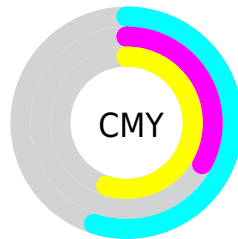


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3877, 0.3082, 0.4253 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 34.3877, 0.3082, 0.4253 by changing the saturation by 10% instead.


 34.3877, 0.3082,
0.4253


 34.3877, 0.3082,
0.4253


321.8574, 0.3120,
0.3722


 23.1916, 0.3066,
0.4403


 66.5361, 0.3100,
0.4047


 14.7350, 0.3039,
0.4608


 88.2572, 0.3106,
0.3974

 8.6336, 0.2994,
0.4901


 114.2555, 0.3110,
0.3914

 4.5030, 0.2906,
0.5351

 144.9152, 0.3113,
0.3863

 1.9587, 0.2874,
0.6488

180.6209, 0.3115,
0.3820

 0.5833, 0.0000,
1.0000

221.7569, 0.3117,

 0.0000, 0.0000,


0.3783


0.0000

268.7076, 0.3119,
0.3750


 34.3877, 0.3082,
0.4253


 34.3877, 0.3082,
0.4253


 32.9699, 0.3066,
0.4601


 36.0999, 0.3097,
0.3926


 31.8258, 0.3049,
0.4955


 38.1170, 0.3111,
0.3629

 30.9391, 0.3033,
0.5291


 40.4545, 0.3124,
0.3365


 30.2899, 0.3020,
0.5582


 43.1254, 0.3134,
0.3136

 29.8553, 0.3009,
0.5803

 46.1422, 0.3144,
0.2937


 29.6079, 0.3003,
0.5940

 49.5166, 0.3152,
0.2766

 29.5050, 0.3000,
0.6000

 53.2597, 0.3159,
0.2620

 57.3822, 0.3164,
0.2495

 57.9849, 0.3165,
0.2479

Harmonies

Analogous

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



34.3877, 0.3658, 0.4366



34.3877, 0.3082, 0.4253



34.3877, 0.2547, 0.3782

Triad

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



34.3877, 0.3082, 0.4253



34.3877, 0.2191, 0.2412



34.3877, 0.4157, 0.3272

Complementary

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



34.3877, 0.3082, 0.4253



24.0139, 0.3165, 0.2484

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.



34.3877, 0.3687, 0.2848



34.3877, 0.3082, 0.4253



34.3877, 0.2543, 0.2370

Square

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



34.3877, 0.3082, 0.4253



34.3877, 0.2068, 0.2681



34.3877, 0.3082, 0.2529



34.3877, 0.4312, 0.3731

Rectangle

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



34.3877, 0.3082, 0.4253



34.3877, 0.2283, 0.3374



34.3877, 0.3082, 0.2529



34.3877, 0.4029, 0.3123

Sweetspot

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



34.3892, 0.3082, 0.4253



70.3400, 0.3115, 0.3548



39.1535, 0.3621, 0.4088



15.1662, 0.3113, 0.3585



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.



34.3892, 0.3082, 0.4253



60.3871, 0.3070, 0.4516



35.1206, 0.2875, 0.3774



8.9394, 0.3116, 0.3524



21.9566, 0.3000, 0.6000



0.6108, 0.3000, 0.6000

Inverse Universe

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



24.0139, 0.3165, 0.2484



38.5419, 0.3173, 0.2308



23.0633, 0.3491, 0.2854



8.1481, 0.3138, 0.3067



8.7428, 0.3209, 0.1541



0.2432, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 34.3877, 0.3082, 0.4253 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 34.3877, 0.3082, 0.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

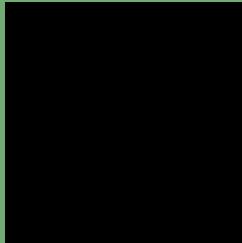
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3877, 0.3082, 0.4253

Background



This preview shows how black text looks on a background with the Yxy color 34.3877, 0.3082, 0.4253.



This preview shows how white text looks on a background with the Yxy color 34.3877, 0.3082, 0.4253.

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

34.3877, 0.3082, 0.4253

Protanopia

34.2158, 0.3722, 0.4007

Deuteranopia

33.9284, 0.3809, 0.3723



Tritanopia

34.2373, 0.2704, 0.3089

Trichromacy



Original Color

34.3877, 0.3082, 0.4253

Protanomaly

33.9214, 0.3473, 0.4101

Deuteranomaly

33.5779, 0.3517, 0.3915

Tritanomaly

34.1815, 0.2847, 0.3498

Monochromacy



Original Color

34.3877, 0.3082, 0.4253

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

31.1258, 0.3111, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3877, 0.3082, 0.4253 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(115, 172, 115)` looks like.

```
.text, #text, p{  
    color:rgb(115, 172, 115)  
}
```

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(115, 172, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 172, 115) }
```

Border

The CSS property to change the border of an element to Yxy 34.3877, 0.3082, 0.4253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

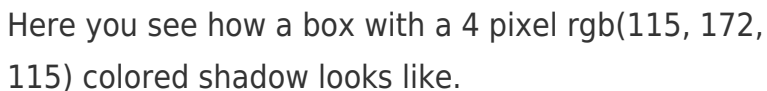
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 172, 115) }
```

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

```
.border{ border-color:rgb(115, 172, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 172, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 172, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 172, 115); box-shadow:4px 4px 4px 4px rgb(115, 172, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3877, 0.3082, 0.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 172, 115) }
```

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

```
.background{ background-color: rgb(115,  
172, 115) }
```

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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