

Converting Colors

$Y_{xy}(34.3275, 0.3142, 0.3605)$

Have a look what the booklet for
Yxy(34.3275, 0.3142, 0.3605)
contains.

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Color

Yxy(34.2885, 0.3141, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	92A38F
RGB	146, 163, 143
RGB Percent	57%, 64%, 56%
CMY	0.4274, 0.3608, 0.4393
CMYK	0.10, 0.00, 0.12, 0.36
HSL	111°, 10%, 60%
HSV	111°, 12%, 64%
XYZ	29.9084, 34.2885, 31.0225
YIQ	155.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

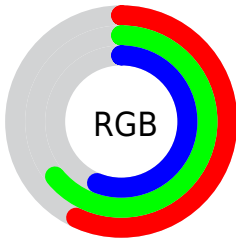
Format	Color
RYB	143, 163, 160
Decimal	9610127
CIELab	65.19, -9.88, 8.38
CIELCh	65, 12.952, 139.681
Yxy	34.2885, 0.3141, 0.3601
Android (android.graphics.Color)	4287800207 (0xFF92A38F)
YUV	155.6370, -6.2300, -8.4516
Hunter-Lab	58.5564, -11.3026, 9.5783

Details

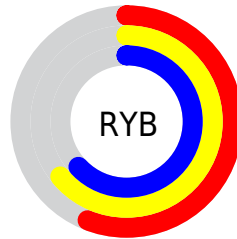
The Yxy color **34.2885, 0.3141, 0.3601** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7575, 0.3110, 0.2992**, and the grayscale version is **33.1054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4534, 0.3137, 0.3535**, and **14.5921, 0.3135, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **32.6384, 0.3150, 0.3887**, and if you desaturate by 10%, it is **36.1670, 0.3130, 0.3344**.

Distribution



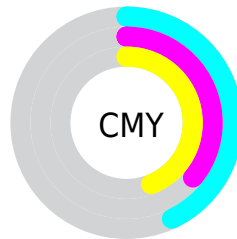
- Red (57%)
- Green (64%)
- Blue (56%)



- Red (56%)
- Yellow (64%)
- Blue (63%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)




- Cyan (43%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2885, 0.3141, 0.3601 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 34.2885, 0.3141, 0.3601 by changing the saturation by 10% instead.


 34.2885, 0.3141,
0.3601

 34.2885, 0.3141,
0.3601


321.4166, 0.3135,
0.3435

 23.1153, 0.3142,
0.3647

 66.3821, 0.3139,
0.3538

 14.6787, 0.3143,
0.3708


 88.0712, 0.3138,
0.3515

 8.5942, 0.3143,
0.3794

114.0345, 0.3138,
0.3496

 4.4774, 0.3142,
0.3925

144.6563, 0.3137,
0.3480

 1.9441, 0.3136,
0.4148

180.3210, 0.3137,
0.3466

 0.5747, 0.3318,
0.6249

221.4130, 0.3136,

 0.0000, 0.0000,

0.3454

0.0000

268.3168, 0.3136,
0.3444

■ 34.2885, 0.3141,
0.3601

■ 34.2885, 0.3141,
0.3601

■ 32.6384, 0.3150,
0.3887

■ 36.1670, 0.3130,
0.3344

■ 31.2038, 0.3156,
0.4200

■ 38.2775, 0.3118,
0.3117

■ 29.9769, 0.3157,
0.4531

■ 40.6292, 0.3105,
0.2918

■ 28.9481, 0.3152,
0.4869

■ 43.2295, 0.3092,
0.2745

■ 28.1069, 0.3141,
0.5194

■ 46.0853, 0.3079,
0.2594

■ 27.4416, 0.3122,
0.5484

■ 49.2035, 0.3067,
0.2463

■ 26.9394, 0.3097,
0.5718

■ 52.4551, 0.3071,
0.2366

■ 26.5857, 0.3067,
0.5879

■ 54.6760, 0.3169,
0.2394

■ 26.3972, 0.3047,
0.5963

Harmonies

Analogous

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



34.2885, 0.3336, 0.3645



34.2885, 0.3141, 0.3601



34.2885, 0.2947, 0.3465

Triad

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



34.2885, 0.3141, 0.3601



34.2885, 0.2785, 0.2989



34.2885, 0.3461, 0.3286

Complementary

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



34.2885, 0.3141, 0.3601



29.7575, 0.3110, 0.2992

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.



34.2885, 0.3305, 0.3123



34.2885, 0.3141, 0.3601



34.2885, 0.2914, 0.2954

Square

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



34.2885, 0.3141, 0.3601



34.2885, 0.2745, 0.3106



34.2885, 0.3103, 0.3003



34.2885, 0.3525, 0.3455

Rectangle

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



34.2885, 0.3141, 0.3601



34.2885, 0.2843, 0.3344



34.2885, 0.3103, 0.3003



34.2885, 0.3417, 0.3229

Sweetspot

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



34.2900, 0.3141, 0.3601



64.1352, 0.3132, 0.3388



34.7965, 0.3312, 0.3538



14.3476, 0.3133, 0.3406



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.2900, 0.3141, 0.3601



60.4788, 0.3144, 0.3684



34.2254, 0.3055, 0.3497



7.9439, 0.3138, 0.3521



20.5274, 0.3051, 0.5960



0.4451, 0.3234, 0.5814

Inverse Universe

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



29.7575, 0.3110, 0.2992



50.5851, 0.3105, 0.2917



29.8392, 0.3207, 0.3091



7.1479, 0.3115, 0.3067



6.2992, 0.2838, 0.1337



0.1461, 0.2982, 0.1416

Previews

White Background



This preview shows how the Yxy color 34.2885, 0.3141, 0.3601 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 34.2885, 0.3141, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

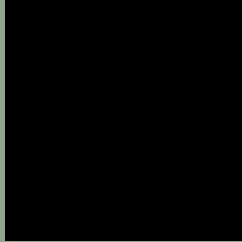
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

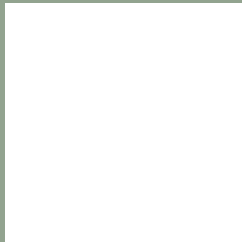
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2885, 0.3141, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 34.2885, 0.3141, 0.3601.



This preview shows how white text looks on a background with the Yxy color 34.2885, 0.3141, 0.3601.

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

34.2885, 0.3141, 0.3601

Protanopia

34.3465, 0.3364, 0.3557

Deuteranopia

33.9658, 0.3464, 0.3390



Tritanopia

34.3541, 0.2940, 0.3098

Trichromacy



Original Color

34.2885, 0.3141, 0.3601

Protanomaly

34.3338, 0.3280, 0.3577

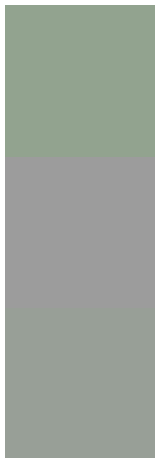
Deuteranomaly

33.8975, 0.3340, 0.3468

Tritanomaly

34.1044, 0.3015, 0.3275

Monochromacy



Original Color

34.2885, 0.3141, 0.3601

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7060, 0.3131, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2885, 0.3141, 0.3601 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(146, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 163, 143)  
}
```

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(146, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 163, 143) }
```

Border

The CSS property to change the border of an element to Yxy 34.2885, 0.3141, 0.3601 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(146, 163, 143) }
```

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

```
.border{ border-color:rgb(146, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 163, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 163, 143); box-shadow:4px 4px 4px 4px rgb(146, 163, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2885, 0.3141, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 163, 143) }
```

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

```
.background{ background-color: rgb(146,  
163, 143) }
```

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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