

Converting Colors

$Yxy(34.1271, 0.2859, 0.3933)$

Have a look what the booklet for
Yxy(34.1271, 0.2859, 0.3933)
contains.

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Color

Yxy(34.2295, 0.2861, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	69AC86
RGB	105, 172, 134
RGB Percent	41%, 67%, 53%
CMY	0.5883, 0.3255, 0.4744
CMYK	0.39, 0.00, 0.22, 0.33
HSL	146°, 29%, 54%
HSV	146°, 39%, 67%
XYZ	24.8807, 34.2295, 27.8550
YIQ	147.6350, -27.7340, -26.0220

Conversions

Conversions Part 2

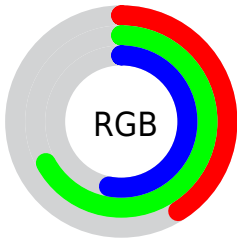
Format	Color
RYB	105, 152, 172
Decimal	6925446
CIELab	65.14, -29.91, 12.94
CIElCh	65, 32.590, 156.604
Yxy	34.2295, 0.2861, 0.3936
Android (android.graphics.Color)	4285115526 (0xFF69AC86)
YUV	147.6350, -6.7221, -37.3909
Hunter-Lab	58.5060, -26.4751, 12.7260

Details

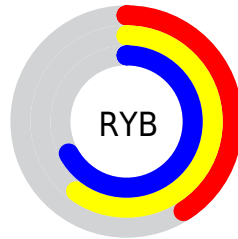
The Yxy color **34.2295, 0.2861, 0.3936** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.8540, 0.3534, 0.2728**, and the grayscale version is **29.4913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4456, 0.2921, 0.3805**, and **14.5906, 0.2765, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **33.0330, 0.2809, 0.4140**, and if you desaturate by 10%, it is **35.6645, 0.2923, 0.3746**.

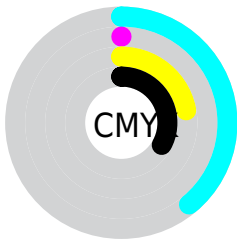
Distribution



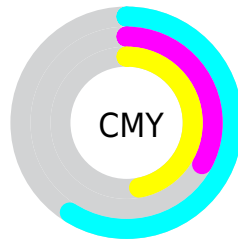
- Red (41%)
- Green (67%)
- Blue (53%)



- Red (41%)
- Yellow (60%)
- Blue (67%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)




- Cyan (59%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2295, 0.2861, 0.3936 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 34.2295, 0.2861, 0.3936 by changing the saturation by 10% instead.


 34.2295, 0.2861,
0.3936


 34.2295, 0.2861,
0.3936


321.1542, 0.3008,
0.3583


 23.0700, 0.2819,
0.4036


 66.2904, 0.2918,
0.3799


 14.6452, 0.2762,
0.4171


 87.9606, 0.2938,
0.3751

 8.5707, 0.2680,
0.4367


 113.9030, 0.2955,
0.3711

 4.4623, 0.2551,
0.4670

 144.5022, 0.2969,
0.3677

 1.9354, 0.2322,
0.5203

180.1426, 0.2981,
0.3648

 0.5695, 0.0000,
1.0000

221.2084, 0.2991,

 0.0000, 0.0000,

0.3623

0.0000

268.0841, 0.3000,
0.3602

■ 34.2295, 0.2861,
0.3936

■ 34.2295, 0.2861,
0.3936

■ 33.0330, 0.2809,
0.4140

■ 35.6645, 0.2923,
0.3746

■ 32.0575, 0.2769,
0.4354

■ 37.3462, 0.2990,
0.3573

■ 31.2893, 0.2745,
0.4573

■ 39.2874, 0.3062,
0.3416

■ 30.7117, 0.2739,
0.4791


■ 41.4989, 0.3135,
0.3276


■ 30.3052, 0.2751,
0.5001


■ 43.9909, 0.3207,
0.3152


 30.0334, 0.2779,
0.5196

 46.7728, 0.3278,
0.3043

 30.0080, 0.2782,
0.5216

 49.8539, 0.3347,
0.2947

 53.2429, 0.3413,
0.2864

 56.0282, 0.3435,
0.2783

Harmonies

Analogous

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



34.2295, 0.3356, 0.4192



34.2295, 0.2861, 0.3936



34.2295, 0.2458, 0.3461

Triad

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



34.2295, 0.2861, 0.3936



34.2295, 0.2445, 0.2491



34.2295, 0.4104, 0.3478

Complementary

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



34.2295, 0.2861, 0.3936



20.8540, 0.3534, 0.2728

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.



34.2295, 0.3822, 0.3083



34.2295, 0.2861, 0.3936



34.2295, 0.2838, 0.2539

Square

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



34.2295, 0.2861, 0.3936



34.2295, 0.2236, 0.2634



34.2295, 0.3344, 0.2751



34.2295, 0.4094, 0.3862

Rectangle

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



34.2295, 0.2861, 0.3936



34.2295, 0.2289, 0.3126



34.2295, 0.3344, 0.2751



34.2295, 0.4040, 0.3344

Sweetspot

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



34.2309, 0.2861, 0.3936



70.0709, 0.3038, 0.3465



36.4630, 0.3424, 0.4333



15.1313, 0.3029, 0.3485



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.



34.2309, 0.2861, 0.3936



60.1463, 0.2814, 0.4116



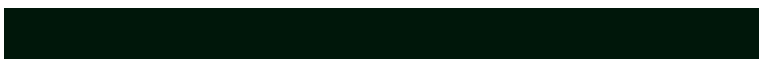
35.2779, 0.2634, 0.3379



8.9948, 0.3059, 0.3421



22.3402, 0.2777, 0.5197



0.6326, 0.2606, 0.4581

Inverse Universe

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



20.8540, 0.3534, 0.2728



32.3320, 0.3667, 0.2603



20.0098, 0.3993, 0.3207



8.0885, 0.3201, 0.3162



7.1872, 0.4649, 0.2335



0.2107, 0.4106, 0.2035

Previews

White Background



This preview shows how the Yxy color 34.2295, 0.2861, 0.3936 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 34.2295, 0.2861, 0.3936 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 34.2295, 0.2861, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 34.2295, 0.2861, 0.3936.



This preview shows how white text looks on a background with the Yxy color 34.2295, 0.2861, 0.3936.

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

34.2295, 0.2861, 0.3936

Protanopia

33.8617, 0.3512, 0.3737

Deuteranopia

33.8752, 0.3545, 0.3490



Tritanopia

34.1719, 0.2605, 0.3086

Trichromacy



Original Color

34.2295, 0.2861, 0.3936

Protanomaly

33.3817, 0.3237, 0.3798

Deuteranomaly

33.2778, 0.3258, 0.3631

Tritanomaly

34.0291, 0.2690, 0.3370

Monochromacy



Original Color

34.2295, 0.2861, 0.3936

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

31.0026, 0.3011, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2295, 0.2861, 0.3936 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(105, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(105, 172, 134)  
}
```

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(105, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 172, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.2295, 0.2861, 0.3936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

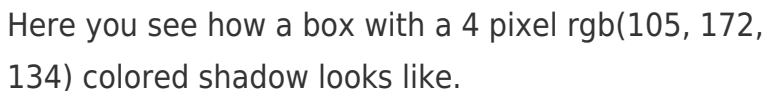
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 172, 134) }
```

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

```
.border{ border-color:rgb(105, 172, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 172, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 172, 134); box-shadow:4px 4px 4px 4px rgb(105, 172, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2295, 0.2861, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 172, 134) }
```

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

```
.background{ background-color: rgb(105,  
172, 134) }
```

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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