

Converting Colors

$Yxy(34.0634, 0.2784, 0.3672)$

Have a look what the booklet for
Yxy(34.0634, 0.2784, 0.3672)
contains.

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Color

Yxy(34.0442, 0.2786, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	6CAA93
RGB	108, 170, 147
RGB Percent	42%, 67%, 58%
CMY	0.5766, 0.3333, 0.4235
CMYK	0.36, 0.00, 0.14, 0.33
HSL	158°, 27%, 55%
HSV	158°, 36%, 67%
XYZ	25.8228, 34.0442, 32.8207
YIQ	148.8400, -29.5690, -20.2970

Conversions

Conversions Part 2

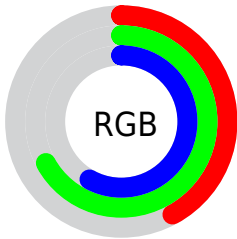
Format	Color
RYB	108, 146, 170
Decimal	7121555
CIELab	65.00, -25.29, 5.55
CIElCh	65, 25.894, 167.619
Yxy	34.0442, 0.2786, 0.3673
Android (android.graphics.Color)	4285311635 (0xFF6CAA93)
YUV	148.8400, -0.9071, -35.8167
Hunter-Lab	58.3474, -23.1093, 7.4923

Details

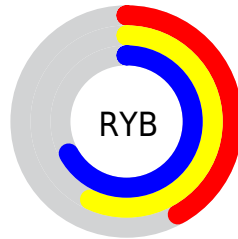
The Yxy color **34.0442, 0.2786, 0.3673** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9011, 0.3664, 0.2942**, and the grayscale version is **29.9948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2911, 0.2858, 0.3599**, and **14.4079, 0.2671, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **32.8896, 0.2712, 0.3799**, and if you desaturate by 10%, it is **35.4202, 0.2871, 0.3555**.

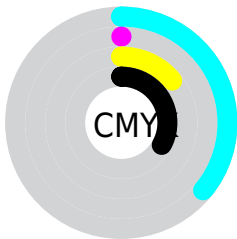
Distribution



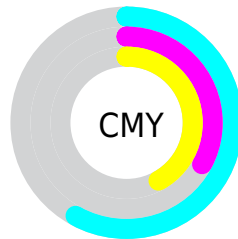
- Red (42%)
- Green (67%)
- Blue (58%)



- Red (42%)
- Yellow (57%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)





- Cyan (58%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0442, 0.2786, 0.3673 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 34.0442, 0.2786, 0.3673 by changing the saturation by 10% instead.

 34.0442, 0.2786,
0.3673


 34.0442, 0.2786,
0.3673


320.3291, 0.2967,
0.3467


 22.9276, 0.2737,
0.3730


 66.0024, 0.2855,
0.3594


 14.5400, 0.2671,
0.3807


 87.6127, 0.2880,
0.3566

 8.4972, 0.2579,
0.3915


 113.4898, 0.2900,
0.3542

 4.4147, 0.2441,
0.4082

 144.0179, 0.2918,
0.3523

 1.9081, 0.2212,
0.4367

179.5815, 0.2933,
0.3506

 0.5533, 0.0000,
0.7208

220.5650, 0.2946,

 0.0000, 0.0000,

0.3491

0.0000

267.3527, 0.2957,
0.3478

■ 34.0442, 0.2786,
0.3673

■ 34.0442, 0.2786,
0.3673

■ 32.8896, 0.2712,
0.3799

■ 35.4202, 0.2871,
0.3555

■ 31.9399, 0.2651,
0.3933

■ 37.0249, 0.2964,
0.3447

■ 31.1831, 0.2607,
0.4072


■ 38.8700, 0.3062,
0.3349

■ 30.6037, 0.2582,
0.4214


■ 40.9655, 0.3163,
0.3260


■ 30.1843, 0.2576,
0.4356

■ 43.3207, 0.3264,
0.3181


 29.9001, 0.2589,
0.4495

 45.9443, 0.3364,
0.3111

 29.8147, 0.2596,
0.4544

 48.8448, 0.3463,
0.3050

 52.0302, 0.3558,
0.2996

 54.3586, 0.3598,
0.2942

Harmonies

Analogous

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



34.0442, 0.3170, 0.3949



34.0442, 0.2786, 0.3673



34.0442, 0.2505, 0.3284

Triad

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



34.0442, 0.2786, 0.3673



34.0442, 0.2681, 0.2638



34.0442, 0.3929, 0.3571

Complementary

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



34.0442, 0.2786, 0.3673



20.9011, 0.3664, 0.2942

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.



34.0442, 0.3785, 0.3244



34.0442, 0.2786, 0.3673



34.0442, 0.3043, 0.2728

Square

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



34.0442, 0.2786, 0.3673



34.0442, 0.2448, 0.2703



34.0442, 0.3452, 0.2944



34.0442, 0.3841, 0.3854

Rectangle

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



34.0442, 0.2786, 0.3673



34.0442, 0.2406, 0.3035



34.0442, 0.3452, 0.2944



34.0442, 0.3907, 0.3463

Sweetspot

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



34.0456, 0.2786, 0.3673



68.8879, 0.3015, 0.3394



34.7197, 0.3289, 0.4299



15.2650, 0.3003, 0.3407



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.



34.0456, 0.2786, 0.3673



59.9972, 0.2723, 0.3777



32.2010, 0.2609, 0.3171



8.4842, 0.3034, 0.3375



21.9405, 0.2591, 0.4529



0.5432, 0.2464, 0.4069

Inverse Universe

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



20.9011, 0.3664, 0.2942



32.5327, 0.3845, 0.2863



21.9358, 0.3947, 0.3404



7.5866, 0.3230, 0.3207



6.5605, 0.5453, 0.2778



0.1695, 0.4572, 0.2292

Previews

White Background



This preview shows how the Yxy color 34.0442, 0.2786, 0.3673 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 34.0442, 0.2786, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

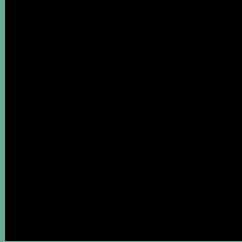
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0442, 0.2786, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 34.0442, 0.2786, 0.3673.



This preview shows how white text looks on a background with the Yxy color 34.0442, 0.2786, 0.3673.

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

34.0442, 0.2786, 0.3673

Protanopia

33.8999, 0.3356, 0.3544

Deuteranopia

33.6895, 0.3362, 0.3305



Tritanopia

33.8098, 0.2602, 0.3070

Trichromacy



Original Color

34.0442, 0.2786, 0.3673

Protanomaly

33.7531, 0.3123, 0.3587

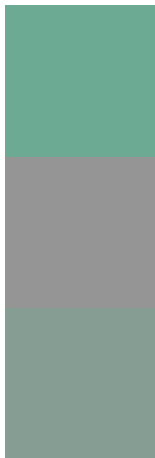
Deuteranomaly

33.4823, 0.3121, 0.3428

Tritanomaly

33.8722, 0.2668, 0.3289

Monochromacy



Original Color

34.0442, 0.2786, 0.3673

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.3204, 0.2987, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0442, 0.2786, 0.3673 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(108, 170, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 170, 147)  
}
```

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(108, 170, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 170, 147) }
```

Border

The CSS property to change the border of an element to Yxy 34.0442, 0.2786, 0.3673 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(108, 170, 147) }
```

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

```
.border{ border-color:rgb(108, 170, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 170, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 170, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 170, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 170,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0442, 0.2786, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 170, 147) }
```

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

```
.background{ background-color: rgb(108,  
170, 147) }
```

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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