

Converting Colors

$Y_{xy}(34.4049, 0.2609, 0.3255)$

Have a look what the booklet for
Yxy(34.4049, 0.2609, 0.3255)
contains.

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Color

Yxy(34.4420, 0.2610, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	6BA9AB
RGB	107, 169, 171
RGB Percent	42%, 66%, 67%
CMY	0.5802, 0.3373, 0.3293
CMYK	0.37, 0.01, 0.00, 0.33
HSL	182°, 28%, 55%
HSV	182°, 37%, 67%
XYZ	27.6086, 34.4420, 43.7295
YIQ	150.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

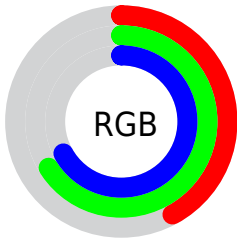
Format	Color
RYB	107, 138, 171
Decimal	7055787
CIELab	65.31, -19.35, -7.37
CIElCh	65, 20.702, 200.846
Yxy	34.4420, 0.2610, 0.3256
Android (android.graphics.Color)	4285245867 (0xFF6BA9AB)
YUV	150.6900, 10.0128, -38.3161
Hunter-Lab	58.6873, -18.7300, -3.0975

Details

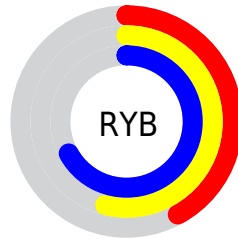
The Yxy color **34.4420, 0.2610, 0.3256** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6790, 0.4008, 0.3324**, and the grayscale version is **30.7831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3794, 0.2709, 0.3265**, and **14.8388, 0.2449, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **33.2842, 0.2501, 0.3246**, and if you desaturate by 10%, it is **35.8131, 0.2734, 0.3266**.

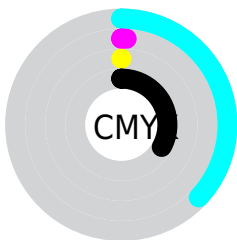
Distribution



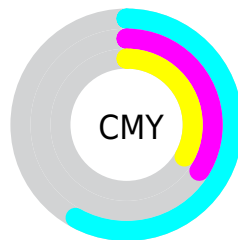
- Red (42%)
- Green (66%)
- Blue (67%)



- Red (42%)
- Yellow (54%)
- Blue (67%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)





- Cyan (58%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4420, 0.2610, 0.3256 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 34.4420, 0.2610, 0.3256 by changing the saturation by 10% instead.


 34.4420, 0.2610,
0.3256


 34.4420, 0.2610,
0.3256


322.0984, 0.2878,
0.3279


 23.2334, 0.2540,
0.3248


 66.6204, 0.2709,
0.3266


 14.7659, 0.2449,
0.3237


 88.3590, 0.2746,
0.3269

 8.6553, 0.2325,
0.3219


 114.3764, 0.2777,
0.3271

 4.5170, 0.2146,
0.3189

 145.0569, 0.2803,
0.3273

 1.9668, 0.1870,
0.3129

180.7849, 0.2826,
0.3275

 0.5881, 0.0470,
0.3191

221.9450, 0.2845,

 0.0000, 0.0000,

0.3276

0.0000

268.9213, 0.2862,
0.3278

■ 34.4420, 0.2610,
0.3256

■ 34.4420, 0.2610,
0.3256

■ 33.2842, 0.2501,
0.3246

■ 35.8131, 0.2734,
0.3266

■ 32.3230, 0.2410,
0.3235

■ 37.4047, 0.2869,
0.3275

■ 31.5463, 0.2336,
0.3225


■ 39.2288, 0.3015,
0.3284


■ 30.9384, 0.2282,
0.3214

■ 41.2954, 0.3167,
0.3292

■ 30.4815, 0.2245,
0.3204


■ 43.6136, 0.3323,
0.3299


 30.1476, 0.2224,
0.3194

 46.1923, 0.3481,
0.3306

 30.0677, 0.2220,
0.3191

 49.0401, 0.3638,
0.3312

 52.1647, 0.3792,
0.3317

 54.4226, 0.3889,
0.3322

Harmonies

Analogous

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



34.4420, 0.2827, 0.3562



34.4420, 0.2610, 0.3256



34.4420, 0.2527, 0.2980

Triad

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



34.4420, 0.2610, 0.3256



34.4420, 0.3097, 0.2849



34.4420, 0.3680, 0.3765

Complementary

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



34.4420, 0.2610, 0.3256



20.6790, 0.4008, 0.3324

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.



34.4420, 0.3766, 0.3550



34.4420, 0.2610, 0.3256



34.4420, 0.3420, 0.3036

Square

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



34.4420, 0.2610, 0.3256



34.4420, 0.2797, 0.2765



34.4420, 0.3670, 0.3286



34.4420, 0.3444, 0.3862

Rectangle

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



34.4420, 0.2610, 0.3256



34.4420, 0.2555, 0.2851



34.4420, 0.3670, 0.3286



34.4420, 0.3728, 0.3703

Sweetspot

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



34.4434, 0.2610, 0.3256



68.9500, 0.2959, 0.3281



33.3478, 0.3067, 0.4381



15.2801, 0.2940, 0.3280



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.



34.4434, 0.2610, 0.3256



59.9042, 0.2518, 0.3247



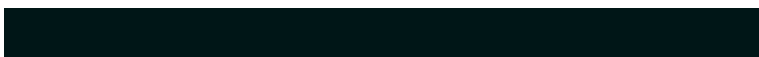
24.2401, 0.2535, 0.2730



9.0279, 0.2987, 0.3282



22.6764, 0.2220, 0.3192



0.6440, 0.2229, 0.3223

Inverse Universe

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



22.0525, 0.3193, 0.2409



34.5272, 0.3209, 0.2225



28.5099, 0.3833, 0.3788



8.1436, 0.3142, 0.3073



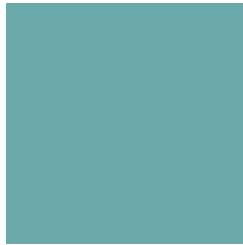
8.5922, 0.3289, 0.1585



0.2404, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 34.4420, 0.2610, 0.3256 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 34.4420, 0.2610, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

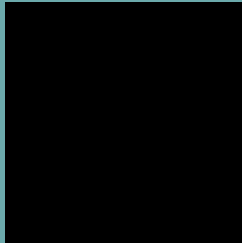
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4420, 0.2610, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 34.4420, 0.2610, 0.3256.

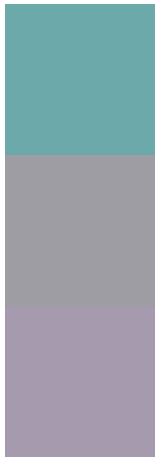


This preview shows how white text looks on a background with the Yxy color 34.4420, 0.2610, 0.3256.

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

34.4420, 0.2610, 0.3256

Protanopia

34.1652, 0.3084, 0.3187

Deuteranopia

34.2742, 0.3063, 0.3006



Tritanopia

34.2886, 0.2559, 0.3070

Trichromacy



Original Color

34.4420, 0.2610, 0.3256

Protanomaly

33.8552, 0.2884, 0.3198

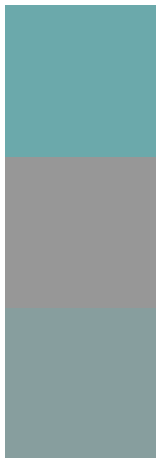
Deuteranomaly

33.8331, 0.2878, 0.3080

Tritanomaly

34.4308, 0.2581, 0.3146

Monochromacy



Original Color

34.4420, 0.2610, 0.3256

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.0732, 0.2912, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4420, 0.2610, 0.3256 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(107, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 169, 171)  
}
```

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(107, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 169, 171) }
```

Border

The CSS property to change the border of an element to Yxy 34.4420, 0.2610, 0.3256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

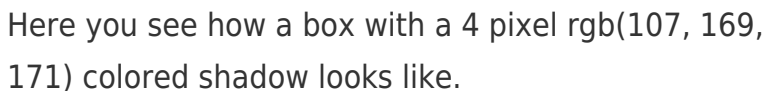
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 169, 171) }
```

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

```
.border{ border-color:rgb(107, 169, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 169,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4420, 0.2610, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 169, 171) }
```

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

```
.background{ background-color: rgb(107,  
169, 171) }
```

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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