

Converting Colors

$Y_{xy}(34.6748, 0.2643, 0.3395)$

Have a look what the booklet for
Yxy(34.6748, 0.2643, 0.3395)
contains.

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Color

Yxy(34.8094, 0.2648, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	69ABA4
RGB	105, 171, 164
RGB Percent	41%, 67%, 64%
CMY	0.5880, 0.3294, 0.3568
CMYK	0.39, 0.00, 0.04, 0.33
HSL	174°, 28%, 54%
HSV	174°, 39%, 67%
XYZ	27.0944, 34.8094, 40.4166
YIQ	150.4680, -37.0890, -16.1690

Conversions

Conversions Part 2

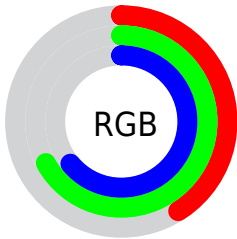
Format	Color
RYB	105, 140, 171
Decimal	6925220
CIELab	65.60, -22.66, -3.05
CIELCh	66, 22.861, 187.656
Yxy	34.8094, 0.2648, 0.3402
Android (android.graphics.Color)	4285115300 (0xFF69ABA4)
YUV	150.4680, 6.6713, -39.8754
Hunter-Lab	58.9995, -21.2762, 0.6841

Details

The Yxy color **34.8094, 0.2648, 0.3402** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9420, 0.3958, 0.3185**, and the grayscale version is **30.6971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4236, 0.2740, 0.3386**, and **14.8568, 0.2499, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **33.8118, 0.2553, 0.3436**, and if you desaturate by 10%, it is **36.0190, 0.2758, 0.3370**.

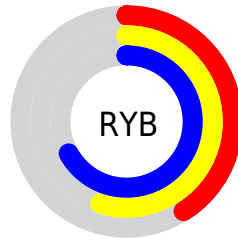
Distribution



Red (41%)

Green (67%)

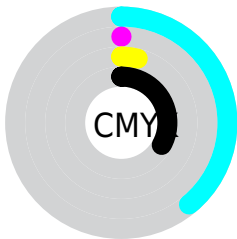
Blue (64%)



Red (41%)

Yellow (55%)

Blue (67%)

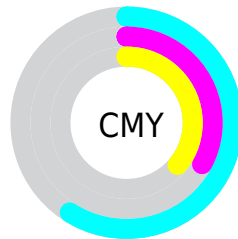


Cyan (39%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (59%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8094, 0.2648, 0.3402 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 34.8094, 0.2648, 0.3402 by changing the saturation by 10% instead.


 34.8094, 0.2648,
0.3402


 34.8094, 0.2648,
0.3402

323.7262, 0.2897,
0.3346


 23.5161, 0.2583,
0.3416


 67.1904, 0.2741,
0.3382


 14.9750, 0.2497,
0.3433


 89.0469, 0.2775,
0.3374

 8.8019, 0.2380,
0.3456


 115.1932, 0.2803,
0.3368

 4.6122, 0.2210,
0.3488

 146.0137, 0.2828,
0.3362

 2.0216, 0.1944,
0.3530

181.8929, 0.2849,
0.3357

 0.6200, 0.0234,
0.4015

223.2151, 0.2867,

 0.0000, 0.0000,

0.3353

0.0000

270.3648, 0.2883,
0.3349

■ 34.8094, 0.2648,
0.3402

■ 34.8094, 0.2648,
0.3402

■ 33.8118, 0.2553,
0.3436

■ 36.0190, 0.2758,
0.3370

■ 33.0093, 0.2474,
0.3471

■ 37.4478, 0.2879,
0.3340

■ 32.3896, 0.2413,
0.3507

■ 39.1079, 0.3010,
0.3312

■ 31.9369, 0.2372,
0.3543


■ 41.0094, 0.3147,
0.3287

■ 31.6327, 0.2348,
0.3579

■ 43.1615, 0.3288,
0.3264

 31.4441, 0.2340,
0.3615

 45.5732, 0.3430,
0.3243

 31.4196, 0.2339,
0.3620

 48.2528, 0.3572,
0.3225

 51.2086, 0.3711,
0.3209

 53.6916, 0.3812,
0.3194

Harmonies

Analogous

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



34.8094, 0.2935, 0.3720



34.8094, 0.2648, 0.3402



34.8094, 0.2490, 0.3070

Triad

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



34.8094, 0.2648, 0.3402



34.8094, 0.2940, 0.2752



34.8094, 0.3801, 0.3717

Complementary

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



34.8094, 0.2648, 0.3402



19.9420, 0.3958, 0.3185

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.



34.8094, 0.3809, 0.3448



34.8094, 0.2648, 0.3402



34.8094, 0.3296, 0.2911

Square

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



34.8094, 0.2648, 0.3402



34.8094, 0.2651, 0.2718



34.8094, 0.3621, 0.3159



34.8094, 0.3605, 0.3893

Rectangle

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



34.8094, 0.2648, 0.3402



34.8094, 0.2473, 0.2893



34.8094, 0.3621, 0.3159



34.8094, 0.3826, 0.3633

Sweetspot

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



34.8108, 0.2648, 0.3402



68.9115, 0.2962, 0.3322



33.6386, 0.3138, 0.4418



15.2836, 0.2945, 0.3325



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.



34.8108, 0.2648, 0.3402



60.8468, 0.2568, 0.3430



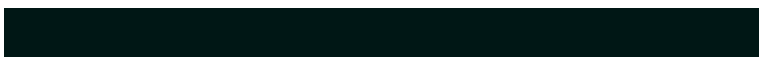
26.4171, 0.2539, 0.2864



9.0572, 0.3000, 0.3314



23.6922, 0.2338, 0.3616



0.6632, 0.2308, 0.3507

Inverse Universe

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



19.9420, 0.3958, 0.3185



30.5187, 0.4235, 0.3165



25.7317, 0.3910, 0.3676



8.0286, 0.3270, 0.3266



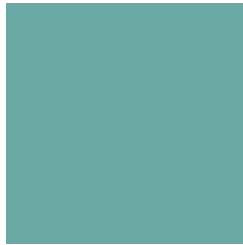
6.5640, 0.6252, 0.3218



0.1869, 0.5720, 0.2925

Previews

White Background



This preview shows how the Yxy color 34.8094, 0.2648, 0.3402 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 34.8094, 0.2648, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

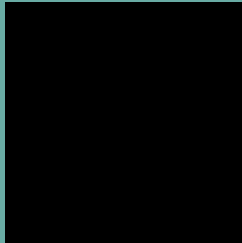
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8094, 0.2648, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 34.8094, 0.2648, 0.3402.

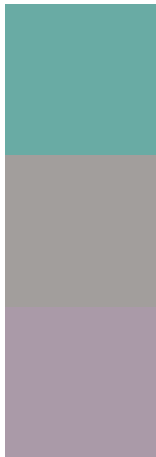


This preview shows how white text looks on a background with the Yxy color 34.8094, 0.2648, 0.3402.

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

34.8094, 0.2648, 0.3402

Protanopia

34.5354, 0.3184, 0.3320

Deuteranopia

34.4844, 0.3156, 0.3092



Tritanopia

34.6977, 0.2555, 0.3070

Trichromacy



Original Color

34.8094, 0.2648, 0.3402

Protanomaly

34.3603, 0.2959, 0.3351

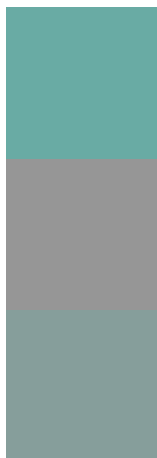
Deuteranomaly

34.0426, 0.2937, 0.3184

Tritanomaly

34.6592, 0.2590, 0.3193

Monochromacy



Original Color

34.8094, 0.2648, 0.3402

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.8886, 0.2928, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8094, 0.2648, 0.3402 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, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(105, 171, 164)  
}
```

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, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 171, 164) }
```

Border

The CSS property to change the border of an element to Yxy 34.8094, 0.2648, 0.3402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

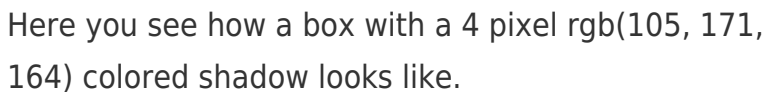
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 171, 164) }
```

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

```
.border{ border-color:rgb(105, 171, 164) }
```

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



Here you see how a box with a 4 pixel rgb(105, 171, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(105, 171,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8094, 0.2648, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 171, 164) }
```

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

```
.background{ background-color: rgb(105,  
171, 164) }
```

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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