

Converting Colors

$Y_{xy}(33.0629, 0.2675, 0.3305)$

Have a look what the booklet for
Yxy(33.0629, 0.2675, 0.3305)
contains.

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Color

Yxy(32.9701, 0.2678, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	6FA5A4
RGB	111, 165, 164
RGB Percent	44%, 65%, 64%
CMY	0.5645, 0.3530, 0.3569
CMYK	0.33, 0.00, 0.01, 0.35
HSL	179°, 23%, 54%
HSV	179°, 33%, 65%
XYZ	26.7153, 32.9701, 40.0729
YIQ	148.7400, -31.8630, -11.7590

Conversions

Conversions Part 2

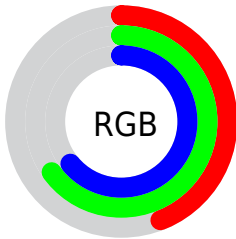
Format	Color
R_{YB}	111, 138, 165
Decimal	7316900
CIE _{Lab}	64.14, -17.89, -5.16
CIE _{LCh}	64, 18.622, 196.087
Yxy	32.9701, 0.2678, 0.3305
Android (android.graphics.Color)	4285506980 (0xFF6FA5A4)
YUV	148.7400, 7.5232, -33.0980
Hunter-Lab	57.4196, -17.4347, -1.1845

Details

The Yxy color **32.9701, 0.2678, 0.3305** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5498, 0.3848, 0.3276**, and the grayscale version is **29.9225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3002, 0.2767, 0.3301**, and **13.9408, 0.2541, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **31.9865, 0.2567, 0.3310**, and if you desaturate by 10%, it is **34.1541, 0.2804, 0.3300**.

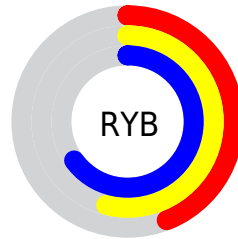
Distribution



Red (44%)

Green (65%)

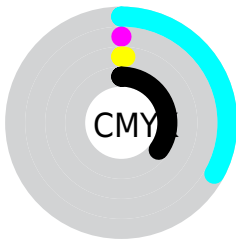
Blue (64%)



Red (44%)

Yellow (54%)

Blue (65%)

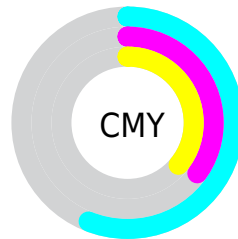


Cyan (33%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (56%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9701, 0.2678, 0.3305 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 32.9701, 0.2678, 0.3305 by changing the saturation by 10% instead.


 32.9701, 0.2678,
0.3305


 32.9701, 0.2678,
0.3305


315.5150, 0.2913,
0.3300


 22.1035, 0.2616,
0.3305


 64.3288, 0.2766,
0.3304


 13.9330, 0.2534,
0.3304


 85.5898, 0.2798,
0.3304

 8.0741, 0.2421,
0.3301


 111.0844, 0.2825,
0.3303

 4.1424, 0.2256,
0.3294

 141.1970, 0.2848,
0.3302

 1.7535, 0.1994,
0.3272

176.3119, 0.2868,
0.3302

 0.4580, 0.0000,
0.3476

216.8136, 0.2885,

 0.0000, 0.0000,

0.3301

0.0000

263.0865, 0.2900,
0.3301

■ 32.9701, 0.2678,
0.3305

■ 32.9701, 0.2678,
0.3305

■ 31.9865, 0.2567,
0.3310

■ 34.1541, 0.2804,
0.3300

■ 31.1884, 0.2471,
0.3316

■ 35.5446, 0.2941,
0.3295

■ 30.5652, 0.2394,
0.3322

■ 37.1524, 0.3087,
0.3291

■ 30.1035, 0.2335,
0.3328

■ 38.9861, 0.3239,
0.3287

■ 29.7882, 0.2295,
0.3333

■ 41.0541, 0.3394,
0.3284

■ 29.6011, 0.2272,
0.3339

■ 43.3644, 0.3549,
0.3281

■ 29.5145, 0.2262,
0.3343

■ 45.9244, 0.3704,
0.3278

■ 48.7413, 0.3855,
0.3276

■ 50.9496, 0.3961,
0.3274

Harmonies

Analogous

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



32.9701, 0.2894, 0.3577



32.9701, 0.2678, 0.3305



32.9701, 0.2580, 0.3044

Triad

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



32.9701, 0.2678, 0.3305



32.9701, 0.3054, 0.2866



32.9701, 0.3655, 0.3700

Complementary

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



32.9701, 0.2678, 0.3305



20.5498, 0.3848, 0.3276

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.



32.9701, 0.3707, 0.3493



32.9701, 0.2678, 0.3305



32.9701, 0.3351, 0.3025

Square

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



32.9701, 0.2678, 0.3305



32.9701, 0.2789, 0.2807



32.9701, 0.3594, 0.3250



32.9701, 0.3459, 0.3807

Rectangle

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



32.9701, 0.2678, 0.3305



32.9701, 0.2592, 0.2913



32.9701, 0.3594, 0.3250



32.9701, 0.3690, 0.3639

Sweetspot

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



32.9714, 0.2678, 0.3305



64.3479, 0.2977, 0.3294



31.5581, 0.3099, 0.4230



13.9877, 0.2958, 0.3295



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.



32.9714, 0.2678, 0.3305



57.7788, 0.2598, 0.3309



24.8032, 0.2619, 0.2861



8.0090, 0.2990, 0.3294



22.3303, 0.2262, 0.3343



0.4699, 0.2256, 0.3321

Inverse Universe

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



20.5498, 0.3848, 0.3276



32.1401, 0.4078, 0.3274



26.8194, 0.3738, 0.3682



7.0880, 0.3282, 0.3286



6.0575, 0.6374, 0.3285



0.1279, 0.6251, 0.3217

Previews

White Background



This preview shows how the Yxy color 32.9701, 0.2678, 0.3305 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 32.9701, 0.2678, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

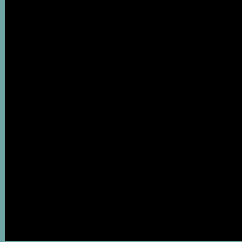
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9701, 0.2678, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 32.9701, 0.2678, 0.3305.

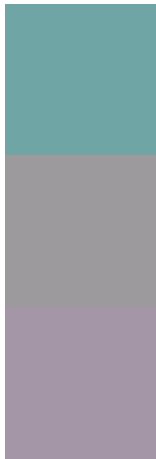


This preview shows how white text looks on a background with the Yxy color 32.9701, 0.2678, 0.3305.

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

32.9701, 0.2678, 0.3305

Protanopia

32.7136, 0.3129, 0.3245

Deuteranopia

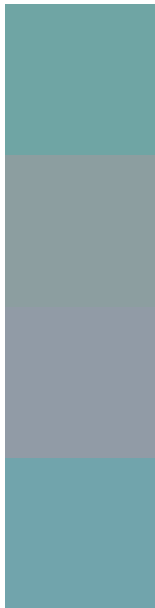
32.4952, 0.3109, 0.3044



Tritanopia

32.9064, 0.2611, 0.3083

Trichromacy



Original Color

32.9701, 0.2678, 0.3305

Protanomaly

32.5672, 0.2940, 0.3258

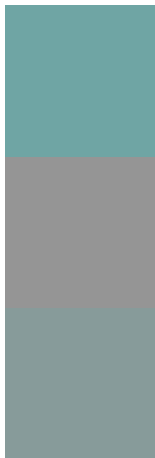
Deuteranomaly

32.2156, 0.2934, 0.3122

Tritanomaly

33.0402, 0.2634, 0.3161

Monochromacy



Original Color

32.9701, 0.2678, 0.3305

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.9267, 0.2944, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9701, 0.2678, 0.3305 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(111, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(111, 165, 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(111, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 165, 164) }
```

Border

The CSS property to change the border of an element to Yxy 32.9701, 0.2678, 0.3305 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(111, 165, 164) }
```

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

```
.border{ border-color:rgb(111, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(111, 165,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9701, 0.2678, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 165, 164) }
```

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

```
.background{ background-color: rgb(111,  
165, 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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