

Converting Colors

$Yxy(33.6736, 0.2669, 0.3300)$

Have a look what the booklet for
Yxy(33.6736, 0.2669, 0.3300)
contains.

Yxy(33.7701, 0.2667, 0.3305)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.7701, 0.2667, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	6FA7A6
RGB	111, 167, 166
RGB Percent	44%, 65%, 65%
CMY	0.5649, 0.3450, 0.3490
CMYK	0.34, 0.00, 0.01, 0.35
HSL	179°, 24%, 55%
HSV	179°, 34%, 65%
XYZ	27.2511, 33.7701, 41.1576
YIQ	150.1420, -33.0550, -12.1830

Conversions

Conversions Part 2

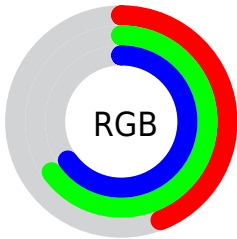
Format	Color
RYB	111, 139, 167
Decimal	7317414
CIELab	64.78, -18.49, -5.33
CIElCh	65, 19.242, 196.090
Yxy	33.7701, 0.2667, 0.3305
Android (android.graphics.Color)	4285507494 (0xFF6FA7A6)
YUV	150.1420, 7.8180, -34.3275
Hunter-Lab	58.1120, -17.9902, -1.3135

Details

The Yxy color **33.7701, 0.2667, 0.3305** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7413, 0.3876, 0.3276**, and the grayscale version is **30.5345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4623, 0.2758, 0.3301**, and **14.4062, 0.2522, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **32.7771, 0.2557, 0.3310**, and if you desaturate by 10%, it is **34.9684, 0.2792, 0.3300**.

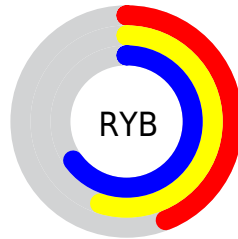
Distribution



Red (44%)

Green (65%)

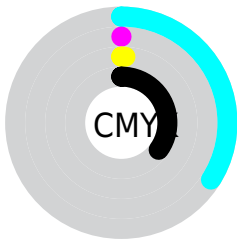
Blue (65%)



Red (44%)

Yellow (55%)

Blue (65%)

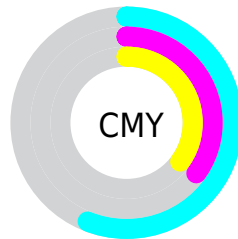


Cyan (34%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (56%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7701, 0.2667, 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 33.7701, 0.2667, 0.3305 by changing the saturation by 10% instead.

 33.7701, 0.2667,
0.3305


 33.7701, 0.2667,
0.3305


319.1057, 0.2907,
0.3301


 22.7170, 0.2604,
0.3305

 65.5760, 0.2756,
0.3304

 14.3847, 0.2521,
0.3304


 87.0976, 0.2789,
0.3304

 8.3887, 0.2408,
0.3301


 112.8776, 0.2817,
0.3303

 4.3447, 0.2242,
0.3293

 143.3002, 0.2840,
0.3303

 1.8682, 0.1982,
0.3271

178.7499, 0.2860,
0.3302

 0.5291, 0.0337,
0.3459

219.6112, 0.2878,

 0.0000, 0.0000,

0.3302

0.0000

266.2683, 0.2893,
0.3301

■ 33.7701, 0.2667,
0.3305

■ 33.7701, 0.2667,
0.3305

■ 32.7771, 0.2557,
0.3310

■ 34.9684, 0.2792,
0.3300

■ 31.9739, 0.2463,
0.3316

■ 36.3783, 0.2928,
0.3296

■ 31.3496, 0.2387,
0.3321


■ 38.0109, 0.3073,
0.3291


■ 30.8902, 0.2331,
0.3327

■ 39.8753, 0.3225,
0.3288

■ 30.5797, 0.2292,
0.3333

■ 41.9801, 0.3380,
0.3284

 30.3991, 0.2270,
0.3338

 44.3336, 0.3536,
0.3281

 30.3228, 0.2262,
0.3342

 46.9435, 0.3691,
0.3279

 49.8172, 0.3843,
0.3277

 51.7569, 0.3935,
0.3274

Harmonies

Analogous

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



33.7701, 0.2888, 0.3585



33.7701, 0.2667, 0.3305



33.7701, 0.2567, 0.3037

Triad

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



33.7701, 0.2667, 0.3305



33.7701, 0.3052, 0.2856



33.7701, 0.3668, 0.3710

Complementary

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



33.7701, 0.2667, 0.3305



20.7413, 0.3876, 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.



33.7701, 0.3722, 0.3498



33.7701, 0.2667, 0.3305



33.7701, 0.3356, 0.3019

Square

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



33.7701, 0.2667, 0.3305



33.7701, 0.2781, 0.2795



33.7701, 0.3606, 0.3248



33.7701, 0.3467, 0.3820

Rectangle

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



33.7701, 0.2667, 0.3305



33.7701, 0.2579, 0.2904



33.7701, 0.3606, 0.3248



33.7701, 0.3705, 0.3647

Sweetspot

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



33.7714, 0.2667, 0.3305



66.0854, 0.2977, 0.3294



32.2871, 0.3098, 0.4261



14.7031, 0.2957, 0.3295



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7714, 0.2667, 0.3305



59.1623, 0.2587, 0.3309



25.1704, 0.2605, 0.2847



8.5297, 0.2989, 0.3294



23.1997, 0.2262, 0.3341



0.5652, 0.2256, 0.3322

Inverse Universe

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



20.7413, 0.3876, 0.3276



32.3475, 0.4116, 0.3274



27.2853, 0.3758, 0.3693



7.5444, 0.3283, 0.3286



6.2924, 0.6376, 0.3286



0.1538, 0.6262, 0.3223

Previews

White Background



This preview shows how the Yxy color 33.7701, 0.2667, 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 33.7701, 0.2667, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

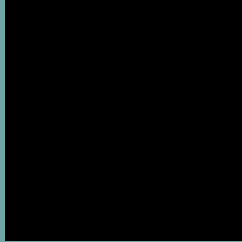
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

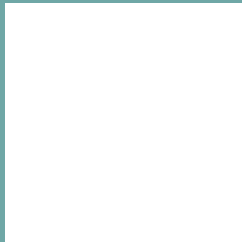
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.7701, 0.2667, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 33.7701, 0.2667, 0.3305.

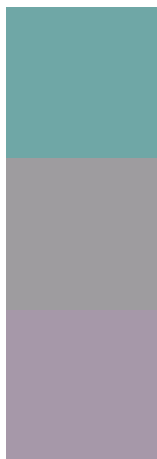


This preview shows how white text looks on a background with the Yxy color 33.7701, 0.2667, 0.3305.

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

33.7701, 0.2667, 0.3305

Protanopia

33.5492, 0.3119, 0.3245

Deuteranopia

33.4280, 0.3109, 0.3046



Tritanopia

33.7020, 0.2602, 0.3085

Trichromacy



Original Color

33.7701, 0.2667, 0.3305

Protanomaly

33.4130, 0.2933, 0.3259

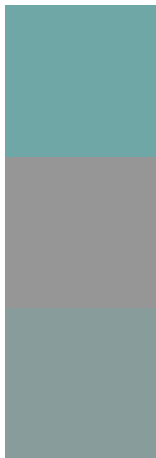
Deuteranomaly

33.0521, 0.2927, 0.3123

Tritanomaly

33.8391, 0.2624, 0.3162

Monochromacy



Original Color

33.7701, 0.2667, 0.3305

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.4115, 0.2937, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7701, 0.2667, 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, 167, 166)` looks like.

```
.text, #text, p{  
    color:rgb(111, 167, 166)  
}
```

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, 167, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 167, 166) }
```

Border

The CSS property to change the border of an element to Yxy 33.7701, 0.2667, 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, 167, 166) }
```

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

```
.border{ border-color:rgb(111, 167, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 167, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 167, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 167, 166);  
box-shadow:4px 4px 4px 4px rgb(111, 167,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7701, 0.2667, 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, 167, 166) }
```

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

```
.background{ background-color: rgb(111,  
167, 166) }
```

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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