

Converting Colors

$Y_{xy}(33.6492, 0.2694, 0.3385)$

Have a look what the booklet for
Yxy(33.6492, 0.2694, 0.3385)
contains.

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Color

Yxy(33.5256, 0.2695, 0.3387)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6EA7A1 |
| RGB | 110, 167, 161 |
| RGB Percent | 43%, 65%, 63% |
| CMY | 0.5689, 0.3450, 0.3686 |
| CMYK | 0.34, 0.00, 0.04, 0.35 |
| HSL | 174°, 24%, 54% |
| HSV | 174°, 34%, 65% |
| XYZ | 26.6760, 33.5256, 38.7816 |
| YIQ | 149.2730, -32.0460, -13.9500 |

Conversions

Conversions Part 2

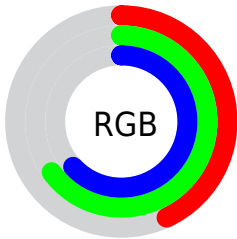
| Format | Color |
|-------------------------------------|---|
| RYB | 110, 140, 167 |
| Decimal | 7251873 |
| CIELab | 64.58, -19.98, -2.83 |
| CIElCh | 65, 20.182, 188.066 |
| Yxy | 33.5256, 0.2695, 0.3387 |
| Android (android.graphics.Color) | 4285441953 (0xFF6EA7A1) |
| YUV | 149.2730, 5.7814, -34.4424 |
| Hunter-Lab | 57.9013, -19.0897, 0.8192 |

Details

The Yxy color **33.5256, 0.2695, 0.3387** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6156, 0.3825, 0.3198**, and the grayscale version is **30.1562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0929, 0.2780, 0.3362**, and **14.2868, 0.2550, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **32.4938, 0.2593, 0.3420**, and if you desaturate by 10%, it is **34.7629, 0.2810, 0.3356**.

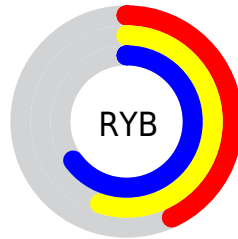
Distribution



Red (43%)

Green (65%)

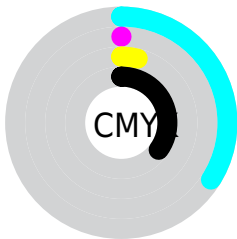
Blue (63%)



Red (43%)

Yellow (55%)

Blue (65%)

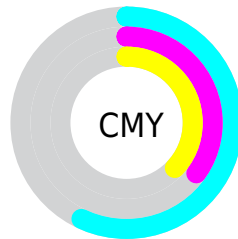


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (57%)


Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5256, 0.2695, 0.3387 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 33.5256, 0.2695, 0.3387 by changing the saturation by 10% instead.


 33.5256, 0.2695,
0.3387


 33.5256, 0.2695,
0.3387


318.0115, 0.2921,
0.3338


 22.5294, 0.2635,
0.3399


 65.1953, 0.2780,
0.3369


 14.2464, 0.2556,
0.3415


 86.6375, 0.2811,
0.3363

 8.2922, 0.2447,
0.3436


 112.3305, 0.2837,
0.3357

 4.2825, 0.2288,
0.3464

 142.6588, 0.2859,
0.3352

 1.8328, 0.2034,
0.3503

178.0066, 0.2878,
0.3348

 0.5075, 0.0000,
0.4034

218.7584, 0.2894,

 0.0000, 0.0000,

0.3344

0.0000

265.2986, 0.2908,
0.3341

■ 33.5256, 0.2695,
0.3387

■ 33.5256, 0.2695,
0.3387

■ 32.4938, 0.2593,
0.3420

■ 34.7629, 0.2810,
0.3356

■ 31.6519, 0.2507,
0.3454

■ 36.2121, 0.2936,
0.3327

■ 30.9889, 0.2438,
0.3489


■ 37.8842, 0.3070,
0.3300


■ 30.4908, 0.2388,
0.3525

■ 39.7885, 0.3209,
0.3276

■ 30.1415, 0.2356,
0.3561


■ 41.9337, 0.3350,
0.3254


 29.9216, 0.2342,
0.3597

 44.3278, 0.3492,
0.3235

 29.8257, 0.2338,
0.3617

 46.9787, 0.3633,
0.3218

 49.8939, 0.3770,
0.3203

 52.0709, 0.3857,
0.3189

Harmonies

Analogous

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



33.5256, 0.2953, 0.3668



33.5256, 0.2695, 0.3387



33.5256, 0.2554, 0.3092

Triad

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



33.5256, 0.2695, 0.3387



33.5256, 0.2965, 0.2807



33.5256, 0.3728, 0.3678

Complementary

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



33.5256, 0.2695, 0.3387



20.6156, 0.3825, 0.3198

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.



33.5256, 0.3737, 0.3438



33.5256, 0.2695, 0.3387



33.5256, 0.3283, 0.2951

Square

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



33.5256, 0.2695, 0.3387



33.5256, 0.2703, 0.2775



33.5256, 0.3571, 0.3177



33.5256, 0.3552, 0.3830

Rectangle

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



33.5256, 0.2695, 0.3387



33.5256, 0.2539, 0.2934



33.5256, 0.3571, 0.3177



33.5256, 0.3751, 0.3604

Sweetspot

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



33.5269, 0.2695, 0.3387



65.9879, 0.2989, 0.3316



32.5213, 0.3139, 0.4269



14.6784, 0.2971, 0.3320



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.



33.5269, 0.2695, 0.3387



58.6007, 0.2617, 0.3412



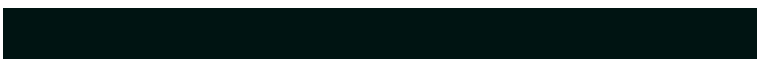
26.3938, 0.2606, 0.2921



8.5182, 0.3000, 0.3314



22.8228, 0.2337, 0.3614



0.5590, 0.2305, 0.3496

Inverse Universe

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



20.6156, 0.3825, 0.3198



31.9345, 0.4058, 0.3178



25.7946, 0.3796, 0.3630



7.5547, 0.3270, 0.3266



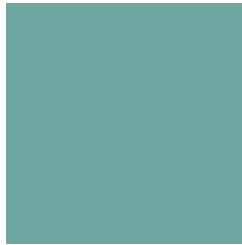
6.3228, 0.6250, 0.3217



0.1577, 0.5691, 0.2909

Previews

White Background



This preview shows how the Yxy color 33.5256, 0.2695, 0.3387 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 33.5256, 0.2695, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

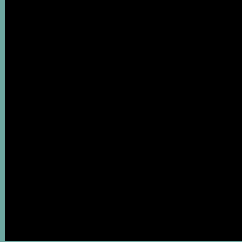
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

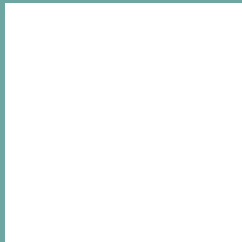
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.5256, 0.2695, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 33.5256, 0.2695, 0.3387.



This preview shows how white text looks on a background with the Yxy color 33.5256, 0.2695, 0.3387.

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

33.5256, 0.2695, 0.3387

Protanopia

33.1467, 0.3176, 0.3305

Deuteranopia

33.0290, 0.3166, 0.3103



Tritanopia

33.3427, 0.2600, 0.3069

Trichromacy



Original Color

33.5256, 0.2695, 0.3387

Protanomaly

32.8933, 0.2975, 0.3321

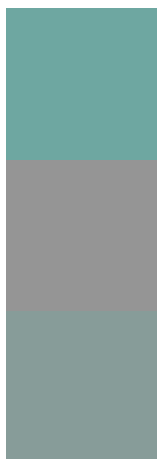
Deuteranomaly

32.8693, 0.2970, 0.3198

Tritanomaly

33.3995, 0.2636, 0.3177

Monochromacy



Original Color

33.5256, 0.2695, 0.3387

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.2277, 0.2953, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5256, 0.2695, 0.3387 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(110, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 167, 161)  
}
```

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(110, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 167, 161) }
```

Border

The CSS property to change the border of an element to Yxy 33.5256, 0.2695, 0.3387 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(110, 167, 161) }
```

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

```
.border{ border-color:rgb(110, 167, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 167, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 167, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 167,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5256, 0.2695, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 167, 161) }
```

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

```
.background{ background-color: rgb(110,  
167, 161) }
```

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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