

Converting Colors

$Y_{xy}(34.4325, 0.2537, 0.2852)$

Have a look what the booklet for
Yxy(34.4325, 0.2537, 0.2852)
contains.

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Color

Yxy(34.3231, 0.2536, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	77A4C1
RGB	119, 164, 193
RGB Percent	47%, 64%, 76%
CMY	0.5333, 0.3569, 0.2431
CMYK	0.38, 0.15, 0.00, 0.24
HSL	204°, 37%, 61%
HSV	204°, 38%, 76%
XYZ	30.5094, 34.3231, 55.4728
YIQ	153.8510, -36.1290, -0.5210

Conversions

Conversions Part 2

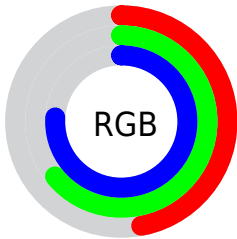
Format	Color
R _Y B	119, 147, 193
Decimal	7840961
CIE Lab	65.22, -7.73, -19.70
CIE LCh	65, 21.167, 248.580
Yxy	34.3231, 0.2536, 0.2853
Android (android.graphics.Color)	4286031041 (0xFF77A4C1)
YUV	153.8510, 19.3005, -30.5643
Hunter-Lab	58.5859, -9.5690, -15.1293

Details

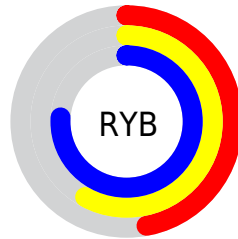
The Yxy color **34.3231, 0.2536, 0.2853** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.8529, 0.3910, 0.3685**, and the grayscale version is **32.1728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5638, 0.2648, 0.2936**, and **14.6107, 0.2357, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **30.4670, 0.2390, 0.2715**, and if you desaturate by 10%, it is **38.6203, 0.2689, 0.2982**.

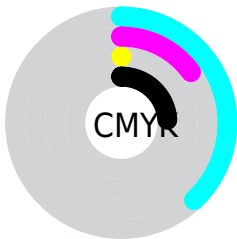
Distribution



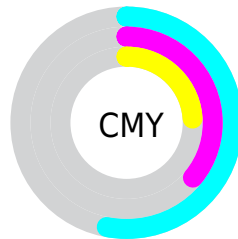
- Red (47%)
- Green (64%)
- Blue (76%)



- Red (47%)
- Yellow (58%)
- Blue (76%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)





- Cyan (53%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3231, 0.2536, 0.2853 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 34.3231, 0.2536, 0.2853 by changing the saturation by 10% instead.


 34.3231, 0.2536,
0.2853


 34.3231, 0.2536,
0.2853


321.5704, 0.2840,
0.3084


 23.1419, 0.2458,
0.2792


 66.4358, 0.2648,
0.2940

 14.6983, 0.2357,
0.2711


 88.1361, 0.2690,
0.2971

 8.6079, 0.2220,
0.2600


 114.1116, 0.2725,
0.2998

 4.4864, 0.2028,
0.2439

144.7466, 0.2755,
0.3020

 1.9492, 0.1741,
0.2187

180.4256, 0.2780,
0.3040

 0.5777, 0.1071,
0.1717

221.5330, 0.2803,

 0.0000, 0.0000,

0.3056

0.0000

268.4531, 0.2823,
0.3071

■ 34.3231, 0.2536,
0.2853

■ 34.3231, 0.2536,
0.2853

■ 30.4670, 0.2390,
0.2715

■ 38.6203, 0.2689,
0.2982

■ 27.0282, 0.2254,
0.2570

■ 43.3727, 0.2845,
0.3100

■ 23.9865, 0.2132,
0.2421

■ 48.5986, 0.3000,
0.3208

■ 21.3179, 0.2029,
0.2269

■ 54.3140, 0.3152,
0.3305

■ 18.9942, 0.1947,
0.2119

■ 60.5340, 0.3299,
0.3392

■ 16.9731, 0.1884,
0.1972

■ 67.2730, 0.3441,
0.3469

■ 16.6571, 0.1875,
0.1948

■ 74.5447, 0.3575,
0.3537

■ 78.7020, 0.3564,
0.3612

■ 82.8717, 0.3546,
0.3685

Harmonies

Analogous

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



34.3231, 0.2530, 0.3078



34.3231, 0.2536, 0.2853



34.3231, 0.2690, 0.2755

Triad

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



34.3231, 0.2536, 0.2853



34.3231, 0.3594, 0.3176



34.3231, 0.3266, 0.3856

Complementary

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



34.3231, 0.2536, 0.2853



33.8529, 0.3910, 0.3685

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.



34.3231, 0.3565, 0.3854



34.3231, 0.2536, 0.2853



34.3231, 0.3764, 0.3447

Square

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



34.3231, 0.2536, 0.2853



34.3231, 0.3295, 0.2942



34.3231, 0.3751, 0.3696



34.3231, 0.2940, 0.3680

Rectangle

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



34.3231, 0.2536, 0.2853



34.3231, 0.2862, 0.2764



34.3231, 0.3751, 0.3696



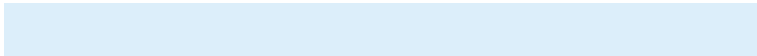
34.3231, 0.3373, 0.3875

Sweetspot

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



34.3244, 0.2536, 0.2853



83.3321, 0.2940, 0.3168



44.1836, 0.2887, 0.3989



17.6126, 0.2920, 0.3154



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.3244, 0.2536, 0.2853



55.6306, 0.2413, 0.2738



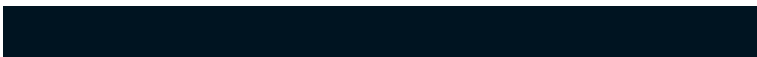
23.1166, 0.2451, 0.2275



10.7442, 0.2984, 0.3198



11.2373, 0.1880, 0.1967



0.6165, 0.1971, 0.2294

Inverse Universe

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



27.2133, 0.3494, 0.2694



42.0187, 0.3606, 0.2566



47.1068, 0.3733, 0.4134



10.1785, 0.3196, 0.3151



8.4166, 0.4491, 0.2247



0.3769, 0.4132, 0.2050

Previews

White Background



This preview shows how the Yxy color 34.3231, 0.2536, 0.2853 looks on a white background.

Color Contrast Check

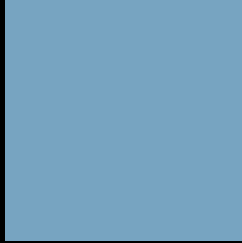
Large Text (above 18pt) WCAG AA × Fail

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 34.3231, 0.2536, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

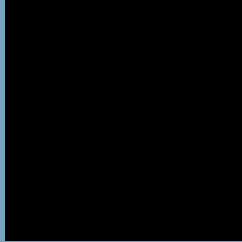
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

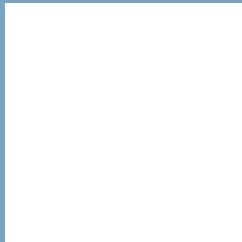
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3231, 0.2536, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 34.3231, 0.2536, 0.2853.



This preview shows how white text looks on a background with the Yxy color 34.3231, 0.2536, 0.2853.

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

34.3231, 0.2536, 0.2853

Protanopia

33.9871, 0.2809, 0.2830

Deuteranopia

34.2528, 0.2780, 0.2728



Tritanopia

34.2807, 0.2605, 0.3071

Trichromacy



Original Color

34.3231, 0.2536, 0.2853

Protanomaly

34.0029, 0.2697, 0.2836

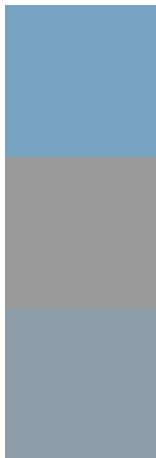
Deuteranomaly

34.0115, 0.2683, 0.2769

Tritanomaly

34.1950, 0.2576, 0.2982

Monochromacy



Original Color

34.3231, 0.2536, 0.2853

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.9436, 0.2883, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3231, 0.2536, 0.2853 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(119, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(119, 164, 193)  
}
```

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(119, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 164, 193) }
```

Border

The CSS property to change the border of an element to Yxy 34.3231, 0.2536, 0.2853 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(119, 164, 193) }
```

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

```
.border{ border-color:rgb(119, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(119, 164,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3231, 0.2536, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 164, 193) }
```

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

```
.background{ background-color: rgb(119,  
164, 193) }
```

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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