

Converting Colors

$Yxy(34.7197, 0.2763, 0.3158)$

Have a look what the booklet for
Yxy(34.7197, 0.2763, 0.3158)
contains.

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Color

Yxy(34.7527, 0.2766, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	83A5AD
RGB	131, 165, 173
RGB Percent	51%, 65%, 68%
CMY	0.4862, 0.3530, 0.3215
CMYK	0.24, 0.05, 0.00, 0.32
HSL	191°, 20%, 60%
HSV	191°, 24%, 68%
XYZ	30.3620, 34.7527, 44.6538
YIQ	155.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

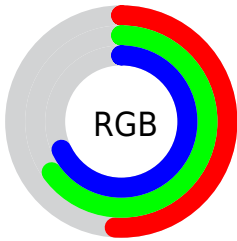
Format	Color
RYB	131, 150, 173
Decimal	8627629
CIELab	65.56, -9.74, -7.98
CIElCh	66, 12.589, 219.333
Yxy	34.7527, 0.2766, 0.3166
Android (android.graphics.Color)	4286817709 (0xFF83A5AD)
YUV	155.7460, 8.5062, -21.7022
Hunter-Lab	58.9514, -11.2315, -3.6443

Details

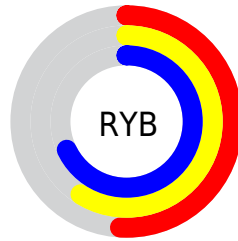
The Yxy color **34.7527, 0.2766, 0.3166** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0052, 0.3595, 0.3410**, and the grayscale version is **33.0985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1021, 0.2839, 0.3197**, and **14.8962, 0.2646, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **32.3083, 0.2627, 0.3108**, and if you desaturate by 10%, it is **37.4614, 0.2912, 0.3220**.

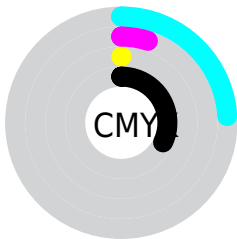
Distribution



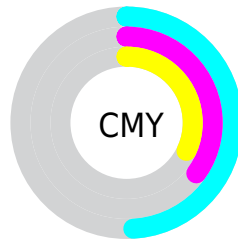
- Red (51%)
- Green (65%)
- Blue (68%)



- Red (51%)
- Yellow (59%)
- Blue (68%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)





- Cyan (49%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7527, 0.2766, 0.3166 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 34.7527, 0.2766, 0.3166 by changing the saturation by 10% instead.

 34.7527, 0.2766,
0.3166


 34.7527, 0.2766,
0.3166


323.4754, 0.2953,
0.3233

 23.4724, 0.2717,
0.3147


 67.1025, 0.2836,
0.3192

 14.9427, 0.2653,
0.3122


 88.9408, 0.2861,
0.3201

 8.7792, 0.2565,
0.3086


 115.0672, 0.2883,
0.3209

 4.5974, 0.2437,
0.3032

145.8662, 0.2901,
0.3215

 2.0131, 0.2236,
0.2939

181.7221, 0.2917,
0.3221

 0.6150, 0.1567,
0.2778

223.0194, 0.2931,

 0.0000, 0.0000,

0.3226

0.0000

270.1423, 0.2943,
0.3230

■ 34.7527, 0.2766,
0.3166

■ 34.7527, 0.2766,
0.3166

■ 32.3083, 0.2627,
0.3108

■ 37.4614, 0.2912,
0.3220

■ 30.1124, 0.2499,
0.3046

■ 40.4412, 0.3062,
0.3270

■ 28.1538, 0.2383,
0.2980

■ 43.7036, 0.3214,
0.3315

■ 26.4184, 0.2284,
0.2913

■ 47.2584, 0.3365,
0.3356

■ 24.8909, 0.2202,
0.2845

■ 51.1145, 0.3514,
0.3392

■ 23.5532, 0.2140,
0.2776

■ 55.2809, 0.3658,
0.3424

■ 22.3841, 0.2095,
0.2708

■ 59.7658, 0.3798,
0.3452

■ 21.7624, 0.2075,
0.2669

■ 61.7350, 0.3811,
0.3485

■ 63.1978, 0.3800,
0.3519

Harmonies

Analogous

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



34.7527, 0.2853, 0.3344



34.7527, 0.2766, 0.3166



34.7527, 0.2772, 0.3029

Triad

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



34.7527, 0.2766, 0.3166



34.7527, 0.3234, 0.3082



34.7527, 0.3385, 0.3624

Complementary

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



34.7527, 0.2766, 0.3166



29.0052, 0.3595, 0.3410

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.



34.7527, 0.3494, 0.3541



34.7527, 0.2766, 0.3166



34.7527, 0.3406, 0.3229

Square

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



34.7527, 0.2766, 0.3166



34.7527, 0.3037, 0.2987



34.7527, 0.3503, 0.3395



34.7527, 0.3209, 0.3616

Rectangle

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



34.7527, 0.2766, 0.3166



34.7527, 0.2827, 0.2978



34.7527, 0.3503, 0.3395



34.7527, 0.3431, 0.3606

Sweetspot

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



34.7541, 0.2766, 0.3166



70.8375, 0.3019, 0.3256



36.5788, 0.3035, 0.3835



15.3279, 0.3011, 0.3254



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.



34.7541, 0.2766, 0.3166



59.8769, 0.2692, 0.3136



27.8892, 0.2739, 0.2836



8.8080, 0.2986, 0.3246



16.0621, 0.2077, 0.2676



0.5128, 0.2134, 0.2882

Inverse Universe

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



27.8417, 0.3239, 0.2805



45.5708, 0.3268, 0.2698



35.5716, 0.3527, 0.3706



8.1214, 0.3165, 0.3108



7.9245, 0.3751, 0.1840



0.2271, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 34.7527, 0.2766, 0.3166 looks on a white background.

Color Contrast Check

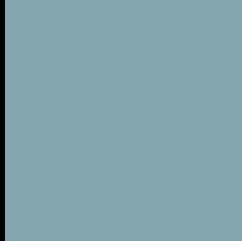
Large Text (above 18pt) WCAG AA × Fail

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 34.7527, 0.2766, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

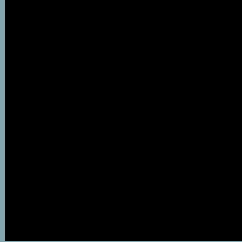
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

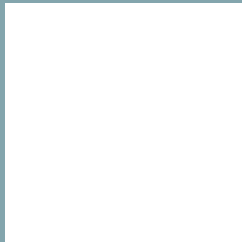
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7527, 0.2766, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 34.7527, 0.2766, 0.3166.

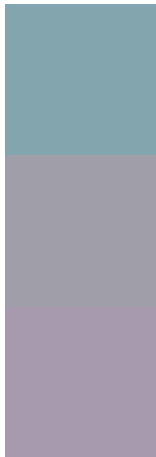


This preview shows how white text looks on a background with the Yxy color 34.7527, 0.2766, 0.3166.

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

34.7527, 0.2766, 0.3166

Protanopia

34.6892, 0.3039, 0.3130

Deuteranopia

34.4218, 0.3064, 0.2993



Tritanopia

34.6308, 0.2743, 0.3092

Trichromacy



Original Color

34.7527, 0.2766, 0.3166

Protanomaly

34.7816, 0.2939, 0.3156

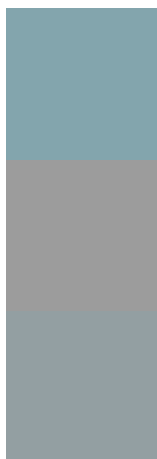
Deuteranomaly

34.3797, 0.2950, 0.3056

Tritanomaly

34.5910, 0.2750, 0.3106

Monochromacy



Original Color

34.7527, 0.2766, 0.3166

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.6080, 0.2988, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7527, 0.2766, 0.3166 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(131, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(131, 165, 173)  
}
```

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(131, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 165, 173) }
```

Border

The CSS property to change the border of an element to Yxy 34.7527, 0.2766, 0.3166 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(131, 165, 173) }
```

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

```
.border{ border-color:rgb(131, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 165, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 165, 173);  
box-shadow:4px 4px 4px 4px rgb(131, 165,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7527, 0.2766, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 165, 173) }
```

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

```
.background{ background-color: rgb(131,  
165, 173) }
```

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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