

Converting Colors

$Yxy(37.3132, 0.2631, 0.3166)$

Have a look what the booklet for
Yxy(37.3132, 0.2631, 0.3166)
contains.

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Color

Yxy(37.1453, 0.2634, 0.3167)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 77ADB5 |
| RGB | 119, 173, 181 |
| RGB Percent | 47%, 68%, 71% |
| CMY | 0.5332, 0.3216, 0.2903 |
| CMYK | 0.34, 0.04, 0.00, 0.29 |
| HSL | 188°, 30%, 59% |
| HSV | 188°, 34%, 71% |
| XYZ | 30.8938, 37.1453, 49.2495 |
| YIQ | 157.7660, -34.7520, -8.9600 |

Conversions

Conversions Part 2

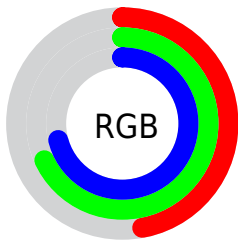
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 119, 148, 181 |
| Decimal | 7843253 |
| CIE _{Lab} | 67.39, -15.64, -9.76 |
| CIE _{LCh} | 67, 18.434, 211.951 |
| Y _{xy} | 37.1453, 0.2634, 0.3167 |
| Android (android.graphics.Color) | 4286033333 (0xFF77ADB5) |
| YUV | 157.7660, 11.4544, -33.9978 |
| Hunter-Lab | 60.9469, -16.1761, -5.2477 |

Details

The Yxy color **37.1453, 0.2634, 0.3167** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.3391, 0.3879, 0.3408**, and the grayscale version is **34.0429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0373, 0.2724, 0.3197**, and **16.4265, 0.2491, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **35.0983, 0.2511, 0.3126**, and if you desaturate by 10%, it is **39.4547, 0.2769, 0.3206**.

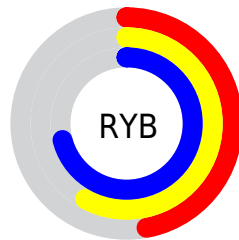
Distribution



Red (47%)

Green (68%)

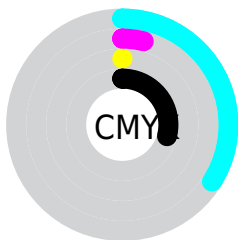
Blue (71%)



Red (47%)

Yellow (58%)

Blue (71%)

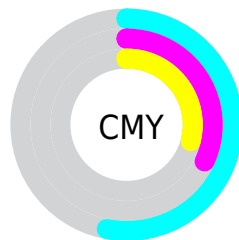


Cyan (34%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (53%)


Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1453, 0.2634, 0.3167 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 37.1453, 0.2634, 0.3167 by changing the saturation by 10% instead.


 37.1453, 0.2634,
0.3167

 37.1453, 0.2634,
0.3167


333.9392, 0.2886,
0.3235

 25.3200, 0.2570,
0.3148


 70.7962, 0.2727,
0.3193

 16.3156, 0.2486,
0.3121


 93.3906, 0.2761,
0.3203

 9.7478, 0.2373,
0.3084


 120.3435, 0.2790,
0.3211

 5.2320, 0.2213,
0.3026

152.0393, 0.2815,
0.3217

 2.3840, 0.1971,
0.2929

188.8623, 0.2836,
0.3223

 0.8177, 0.1353,
0.2798

231.1971, 0.2855,

 0.0000, 0.0000,

0.3227

0.0000

279.4279, 0.2871,
0.3232

■ 37.1453, 0.2634,
0.3167

■ 37.1453, 0.2634,
0.3167

■ 35.0983, 0.2511,
0.3126

■ 39.4547, 0.2769,
0.3206

■ 33.2953, 0.2403,
0.3082

■ 42.0351, 0.2913,
0.3243

■ 31.7226, 0.2312,
0.3038

■ 44.8997, 0.3063,
0.3277

■ 30.3628, 0.2239,
0.2993

■ 48.0600, 0.3216,
0.3307

■ 29.1962, 0.2185,
0.2948

■ 51.5263, 0.3370,
0.3335

■ 28.1989, 0.2149,
0.2904

■ 55.3089, 0.3522,
0.3360

■ 27.6709, 0.2133,
0.2878

■ 59.4172, 0.3672,
0.3382

■ 62.1484, 0.3743,
0.3403

■ 63.1789, 0.3736,
0.3428

Harmonies

Analogous

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



37.1453, 0.2785, 0.3431



37.1453, 0.2634, 0.3167



37.1453, 0.2609, 0.2954

Triad

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



37.1453, 0.2634, 0.3167



37.1453, 0.3208, 0.2956



37.1453, 0.3545, 0.3749

Complementary

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



37.1453, 0.2634, 0.3167



26.3391, 0.3879, 0.3408

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.



37.1453, 0.3672, 0.3597



37.1453, 0.2634, 0.3167



37.1453, 0.3474, 0.3146

Square

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



37.1453, 0.2634, 0.3167



37.1453, 0.2931, 0.2846



37.1453, 0.3646, 0.3376



37.1453, 0.3308, 0.3779

Rectangle

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



37.1453, 0.2634, 0.3167



37.1453, 0.2666, 0.2867



37.1453, 0.3646, 0.3376



37.1453, 0.3602, 0.3710

Sweetspot

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



37.1468, 0.2634, 0.3167



77.3191, 0.2973, 0.3257



38.4796, 0.3028, 0.4174



16.5607, 0.2952, 0.3252



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.1468, 0.2634, 0.3167



63.7621, 0.2541, 0.3136



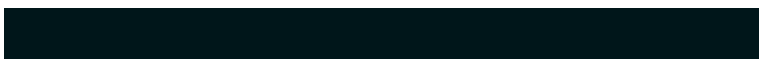
26.8397, 0.2571, 0.2681



9.4409, 0.2986, 0.3260



19.1502, 0.2134, 0.2884



0.6543, 0.2169, 0.3007

Inverse Universe

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



26.0410, 0.3253, 0.2552



41.1748, 0.3286, 0.2396



35.3494, 0.3736, 0.3830



8.6275, 0.3157, 0.3094



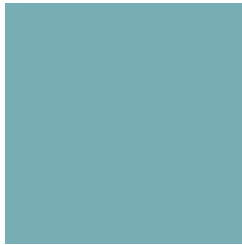
8.4734, 0.3558, 0.1734



0.2718, 0.3448, 0.1673

Previews

White Background



This preview shows how the Yxy color 37.1453, 0.2634, 0.3167 looks on a white background.

Color Contrast Check

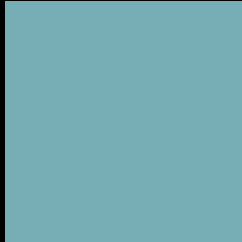
Large Text (above 18pt) WCAG AA × Fail

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 37.1453, 0.2634, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

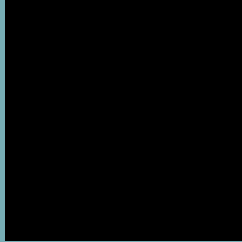
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1453, 0.2634, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 37.1453, 0.2634, 0.3167.

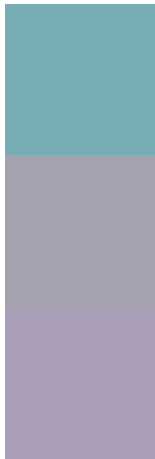


This preview shows how white text looks on a background with the Yxy color 37.1453, 0.2634, 0.3167.

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

37.1453, 0.2634, 0.3167

Protanopia

36.6832, 0.3033, 0.3120

Deuteranopia

36.8030, 0.3013, 0.2947



Tritanopia

37.0433, 0.2606, 0.3078

Trichromacy



Original Color

37.1453, 0.2634, 0.3167

Protanomaly

36.6498, 0.2868, 0.3128

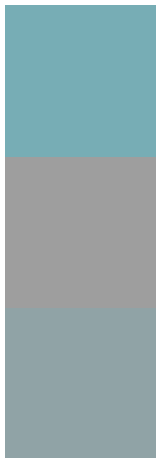
Deuteranomaly

36.5491, 0.2854, 0.3016

Tritanomaly

36.9588, 0.2619, 0.3107

Monochromacy



Original Color

37.1453, 0.2634, 0.3167

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8769, 0.2928, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1453, 0.2634, 0.3167 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, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(119, 173, 181)  
}
```

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, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 173, 181) }
```

Border

The CSS property to change the border of an element to Yxy 37.1453, 0.2634, 0.3167 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, 173, 181) }
```

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

```
.border{ border-color:rgb(119, 173, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(119, 173,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1453, 0.2634, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 173, 181) }
```

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

```
.background{ background-color: rgb(119,  
173, 181) }
```

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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