

Converting Colors

$Y_{xy}(37.3119, 0.2607, 0.3107)$

Have a look what the booklet for
Yxy(37.3119, 0.2607, 0.3107)
contains.

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Color

Yxy(37.3119, 0.2607, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	77ADB9
RGB	119, 173, 185
RGB Percent	47%, 68%, 73%
CMY	0.5335, 0.3215, 0.2744
CMYK	0.36, 0.07, 0.00, 0.27
HSL	191°, 32%, 60%
HSV	191°, 36%, 73%
XYZ	31.3074, 37.3119, 51.4705
YIQ	158.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

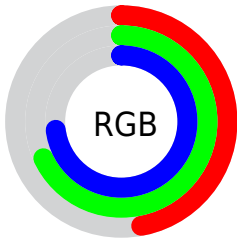
Format	Color
R _Y B	119, 149, 185
Decimal	7843257
CIE _{Lab}	67.51, -14.65, -11.81
CIE _{LCh}	68, 18.821, 218.884
Y _{xy}	37.3119, 0.2607, 0.3107
Android (android.graphics.Color)	4286033337 (0xFF77ADB9)
YUV	158.2220, 13.2016, -34.3977
Hunter-Lab	61.0835, -15.4086, -7.2008

Details

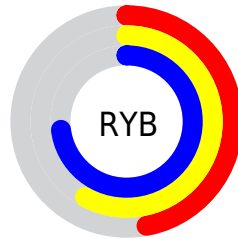
The Yxy color **37.3119, 0.2607, 0.3107** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.8812, 0.3908, 0.3463**, and the grayscale version is **34.2474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2737, 0.2703, 0.3151**, and **16.4989, 0.2451, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **34.8537, 0.2481, 0.3047**, and if you desaturate by 10%, it is **40.0605, 0.2744, 0.3163**.

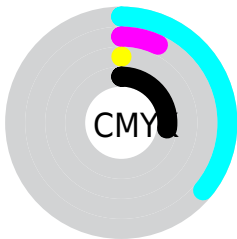
Distribution



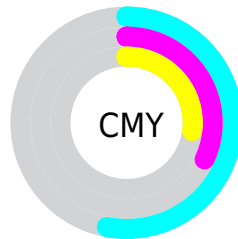
- Red (47%)
- Green (68%)
- Blue (73%)



- Red (47%)
- Yellow (58%)
- Blue (73%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)





- Cyan (53%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3119, 0.2607, 0.3107 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 37.3119, 0.2607, 0.3107 by changing the saturation by 10% instead.


 37.3119, 0.2607,
0.3107


 37.3119, 0.2607,
0.3107


334.6589, 0.2872,
0.3206


 25.4491, 0.2539,
0.3080

 71.0522, 0.2704,
0.3145

 16.4119, 0.2452,
0.3043


 93.6985, 0.2741,
0.3159

 9.8161, 0.2335,
0.2991


 120.7081, 0.2771,
0.3170

 5.2772, 0.2169,
0.2913

152.4653, 0.2797,
0.3180

 2.4108, 0.1920,
0.2784

189.3546, 0.2820,
0.3188

 0.8314, 0.1345,
0.2585

231.7604, 0.2839,

 0.0000, 0.0000,

0.3195

0.0000

280.0670, 0.2857,
0.3201

■ 37.3119, 0.2607,
0.3107

■ 37.3119, 0.2607,
0.3107

■ 34.8537, 0.2481,
0.3047

■ 40.0605, 0.2744,
0.3163

■ 32.6663, 0.2368,
0.2985

■ 43.1090, 0.2890,
0.3216

■ 30.7346, 0.2273,
0.2920

■ 46.4717, 0.3040,
0.3264

■ 29.0400, 0.2195,
0.2855

■ 50.1607, 0.3193,
0.3308

■ 27.5608, 0.2137,
0.2790

■ 54.1875, 0.3345,
0.3348

■ 26.2699, 0.2097,
0.2725

■ 58.5630, 0.3495,
0.3383

■ 25.7489, 0.2083,
0.2697

■ 63.2973, 0.3642,
0.3414

■ 66.0541, 0.3686,
0.3447

■ 67.6316, 0.3677,
0.3481

Harmonies

Analogous

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



37.3119, 0.2732, 0.3371



37.3119, 0.2607, 0.3107



37.3119, 0.2613, 0.2911

Triad

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



37.3119, 0.2607, 0.3107



37.3119, 0.3276, 0.2988



37.3119, 0.3505, 0.3778

Complementary

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



37.3119, 0.2607, 0.3107



27.8812, 0.3908, 0.3463

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.



37.3119, 0.3666, 0.3647



37.3119, 0.2607, 0.3107



37.3119, 0.3532, 0.3195

Square

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



37.3119, 0.2607, 0.3107



37.3119, 0.2989, 0.2854



37.3119, 0.3677, 0.3432



37.3119, 0.3246, 0.3775

Rectangle

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



37.3119, 0.2607, 0.3107



37.3119, 0.2691, 0.2840



37.3119, 0.3677, 0.3432



37.3119, 0.3572, 0.3747

Sweetspot

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



37.3134, 0.2607, 0.3107



79.8283, 0.2957, 0.3238



40.2438, 0.3001, 0.4167



17.0373, 0.2937, 0.3232



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.3134, 0.2607, 0.3107



63.2380, 0.2505, 0.3059



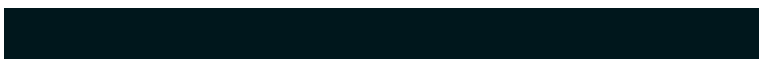
26.4702, 0.2537, 0.2595



9.9250, 0.2985, 0.3247



17.6227, 0.2085, 0.2705



0.6946, 0.2131, 0.2872

Inverse Universe

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



26.5215, 0.3299, 0.2562



41.4757, 0.3348, 0.2403



37.8488, 0.3752, 0.3897



9.1339, 0.3164, 0.3105



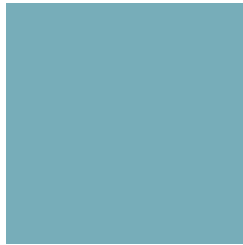
8.5614, 0.3723, 0.1825



0.3092, 0.3569, 0.1740

Previews

White Background



This preview shows how the Yxy color 37.3119, 0.2607, 0.3107 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 37.3119, 0.2607, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

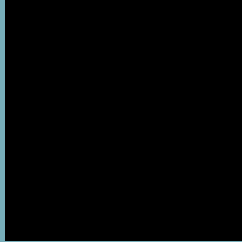
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3119, 0.2607, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 37.3119, 0.2607, 0.3107.



This preview shows how white text looks on a background with the Yxy color 37.3119, 0.2607, 0.3107.

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

37.3119, 0.2607, 0.3107

Protanopia

37.1304, 0.2982, 0.3064

Deuteranopia

37.0973, 0.2961, 0.2906



Tritanopia

37.3969, 0.2595, 0.3078

Trichromacy



Original Color

37.3119, 0.2607, 0.3107

Protanomaly

37.0846, 0.2830, 0.3086

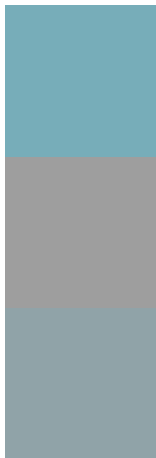
Deuteranomaly

36.9822, 0.2816, 0.2975

Tritanomaly

37.3542, 0.2601, 0.3093

Monochromacy



Original Color

37.3119, 0.2607, 0.3107

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.9508, 0.2912, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3119, 0.2607, 0.3107 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(119, 173, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 173, 185) }
```

Border

The CSS property to change the border of an element to Yxy 37.3119, 0.2607, 0.3107 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, 185) }
```

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

```
.border{ border-color:rgb(119, 173, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(119, 173,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3119, 0.2607, 0.3107 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, 185) }
```

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

```
.background{ background-color: rgb(119,  
173, 185) }
```

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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