

Converting Colors

$Y_{xy}(37.2119, 0.2821, 0.3171)$

Have a look what the booklet for
Yxy(37.2119, 0.2821, 0.3171)
contains.

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Color

Yxy(37.2130, 0.2821, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	8DA9B1
RGB	141, 169, 177
RGB Percent	55%, 66%, 69%
CMY	0.4471, 0.3372, 0.3059
CMYK	0.20, 0.05, 0.00, 0.31
HSL	193°, 19%, 62%
HSV	193°, 20%, 69%
XYZ	33.1056, 37.2130, 47.0355
YIQ	161.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

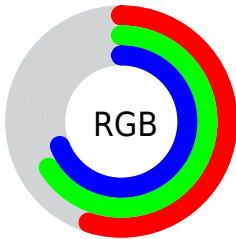
Format	Color
RYB	141, 157, 177
Decimal	9284017
CIELab	67.44, -7.84, -7.33
CIElCh	67, 10.737, 223.069
Yxy	37.2130, 0.2821, 0.3171
Android (android.graphics.Color)	4287474097 (0xFF8DA9B1)
YUV	161.5400, 7.6218, -18.0136
Hunter-Lab	61.0025, -9.8836, -3.0134

Details

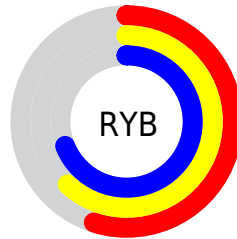
The Yxy color **37.2130, 0.2821, 0.3171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7572, 0.3502, 0.3406**, and the grayscale version is **35.8746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7966, 0.2876, 0.3188**, and **16.3515, 0.2732, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **34.3450, 0.2677, 0.3105**, and if you desaturate by 10%, it is **40.3759, 0.2970, 0.3232**.

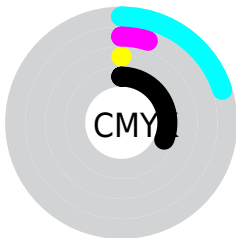
Distribution



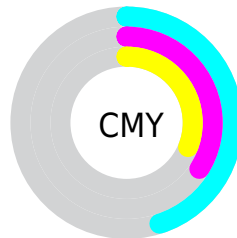
- Red (55%)
- Green (66%)
- Blue (69%)



- Red (55%)
- Yellow (62%)
- Blue (69%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)





- Cyan (45%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2130, 0.2821, 0.3171 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 37.2130, 0.2821, 0.3171 by changing the saturation by 10% instead.


 37.2130, 0.2821,
0.3171


 37.2130, 0.2821,
0.3171


334.2318, 0.2978,
0.3234

 25.3725, 0.2780,
0.3154


 70.9003, 0.2879,
0.3195

 16.3548, 0.2727,
0.3131


 93.5158, 0.2901,
0.3204

 9.7755, 0.2655,
0.3099


 120.4917, 0.2919,
0.3211

 5.2504, 0.2551,
0.3052

152.2125, 0.2934,
0.3217

 2.3949, 0.2389,
0.2974

189.0625, 0.2948,
0.3222

 0.8233, 0.2041,
0.2844

231.4261, 0.2959,

 0.0000, 0.0000,

0.3227

0.0000

279.6877, 0.2969,
0.3231

■ 37.2130, 0.2821,
0.3171

■ 37.2130, 0.2821,
0.3171

■ 34.3450, 0.2677,
0.3105

■ 40.3759, 0.2970,
0.3232

■ 31.7553, 0.2541,
0.3033

■ 43.8406, 0.3122,
0.3288

■ 29.4322, 0.2417,
0.2958

■ 47.6192, 0.3273,
0.3339

■ 27.3616, 0.2307,
0.2880

■ 51.7219, 0.3422,
0.3384

■ 25.5274, 0.2214,
0.2800

■ 56.1582, 0.3568,
0.3423

■ 23.9118, 0.2139,
0.2719

■ 60.9375, 0.3708,
0.3459

■ 22.4936, 0.2084,
0.2638

■ 64.1458, 0.3762,
0.3495

■ 21.2701, 0.2045,
0.2561

■ 65.9477, 0.3749,
0.3536

■ 67.7964, 0.3737,
0.3576

Harmonies

Analogous

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



37.2130, 0.2886, 0.3317



37.2130, 0.2821, 0.3171



37.2130, 0.2836, 0.3063

Triad

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



37.2130, 0.2821, 0.3171



37.2130, 0.3236, 0.3129



37.2130, 0.3327, 0.3572

Complementary

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



37.2130, 0.2821, 0.3171



32.7572, 0.3502, 0.3406

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.



37.2130, 0.3426, 0.3512



37.2130, 0.2821, 0.3171



37.2130, 0.3374, 0.3257

Square

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



37.2130, 0.2821, 0.3171



37.2130, 0.3072, 0.3043



37.2130, 0.3444, 0.3396



37.2130, 0.3176, 0.3554

Rectangle

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



37.2130, 0.2821, 0.3171



37.2130, 0.2889, 0.3025



37.2130, 0.3444, 0.3396



37.2130, 0.3367, 0.3560

Sweetspot

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



37.2145, 0.2821, 0.3171



74.8772, 0.3035, 0.3257



39.2705, 0.3040, 0.3718



16.1433, 0.3025, 0.3253



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.2145, 0.2821, 0.3171



64.4991, 0.2762, 0.3145



31.0283, 0.2804, 0.2899



9.3051, 0.2986, 0.3238



15.5027, 0.2047, 0.2570



0.5670, 0.2109, 0.2793

Inverse Universe

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



31.2558, 0.3229, 0.2899



52.1990, 0.3254, 0.2819



38.8337, 0.3454, 0.3653



8.6138, 0.3170, 0.3115



8.1051, 0.3854, 0.1897



0.2630, 0.3641, 0.1780

Previews

White Background



This preview shows how the Yxy color 37.2130, 0.2821, 0.3171 looks on a white background.

Color Contrast Check

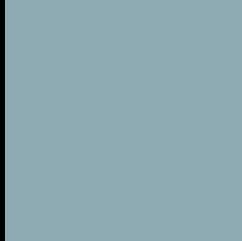
Large Text (above 18pt) WCAG AA × Fail

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 37.2130, 0.2821, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

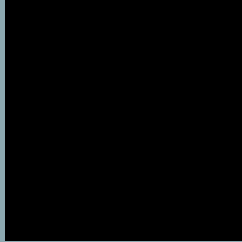
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

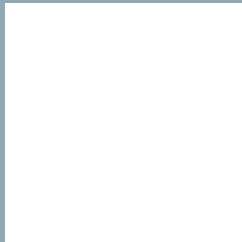
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2130, 0.2821, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 37.2130, 0.2821, 0.3171.



This preview shows how white text looks on a background with the Yxy color 37.2130, 0.2821, 0.3171.

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

37.2130, 0.2821, 0.3171

Protanopia

37.1040, 0.3050, 0.3148

Deuteranopia

36.9352, 0.3083, 0.3015



Tritanopia

37.1334, 0.2791, 0.3084

Trichromacy



Original Color

37.2130, 0.2821, 0.3171

Protanomaly

37.0342, 0.2970, 0.3160

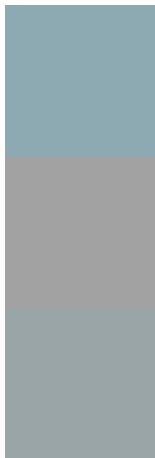
Deuteranomaly

36.9858, 0.2981, 0.3077

Tritanomaly

37.0513, 0.2806, 0.3113

Monochromacy



Original Color

37.2130, 0.2821, 0.3171

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.5703, 0.3010, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2130, 0.2821, 0.3171 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(141, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 177)  
}
```

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(141, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 177) }
```

Border

The CSS property to change the border of an element to Yxy 37.2130, 0.2821, 0.3171 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(141, 169, 177) }
```

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

```
.border{ border-color:rgb(141, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2130, 0.2821, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 177) }
```

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

```
.background{ background-color: rgb(141,  
169, 177) }
```

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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