

Converting Colors

$Y_{xy}(37.1851, 0.2982, 0.3178)$

Have a look what the booklet for
Yxy(37.1851, 0.2982, 0.3178)
contains.

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Color

Yxy(37.0955, 0.2987, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	9DA5AD
RGB	157, 165, 173
RGB Percent	62%, 65%, 68%
CMY	0.3843, 0.3529, 0.3217
CMYK	0.09, 0.05, 0.00, 0.32
HSL	210°, 9%, 65%
HSV	210°, 9%, 68%
XYZ	34.8990, 37.0955, 44.8417
YIQ	163.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

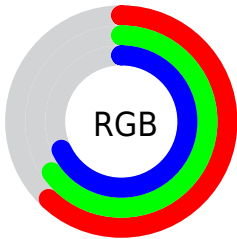
Format	Color
RYB	157, 162, 173
Decimal	10331565
CIELab	67.35, -1.22, -5.10
CIELCh	67, 5.241, 256.493
Yxy	37.0955, 0.2987, 0.3175
Android (android.graphics.Color)	4288521645 (0xFF9DA5AD)
YUV	163.5200, 4.6736, -5.7180
Hunter-Lab	60.9061, -4.3057, -1.0177

Details

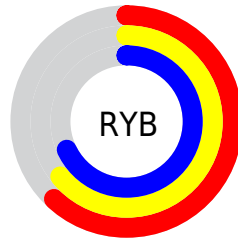
The Yxy color **37.0955, 0.2987, 0.3175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2093, 0.3273, 0.3402**, and the grayscale version is **36.8641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7849, 0.3019, 0.3202**, and **16.2549, 0.2944, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **32.4732, 0.2830, 0.3037**, and if you desaturate by 10%, it is **42.1768, 0.3138, 0.3299**.

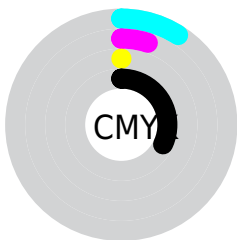
Distribution



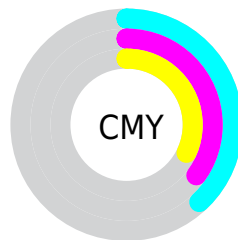
- Red (62%)
- Green (65%)
- Blue (68%)



- Red (62%)
- Yellow (64%)
- Blue (68%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0955, 0.2987, 0.3175 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 37.0955, 0.2987, 0.3175 by changing the saturation by 10% instead.

■ 37.0955, 0.2987,
0.3175

■ 37.0955, 0.2987,
0.3175

■ 333.7238, 0.3060,
0.3235

■ 25.2814, 0.2968,
0.3159

■ 70.7196, 0.3014,
0.3197

■ 16.2869, 0.2943,
0.3139

■ 93.2985, 0.3024,
0.3206

■ 9.7274, 0.2909,
0.3110

■ 120.2344, 0.3032,
0.3212

■ 5.2186, 0.2860,
0.3068

■ 151.9118, 0.3039,
0.3218

■ 2.3761, 0.2781,
0.3002

■ 188.7151, 0.3045,
0.3223

■ 0.8135, 0.2630,
0.2878

■ 231.0285, 0.3051,

■ 0.0000, 0.0000,

0.3228

0.0000

279.2367, 0.3055,
0.3232

■ 37.0955, 0.2987,
0.3175

■ 37.0955, 0.2987,
0.3175

■ 32.4732, 0.2830,
0.3037

■ 42.1768, 0.3138,
0.3299

■ 28.2908, 0.2669,
0.2885

■ 47.7261, 0.3283,
0.3409

■ 24.5347, 0.2508,
0.2719

■ 53.7580, 0.3418,
0.3507

■ 21.1886, 0.2351,
0.2542

■ 60.2850, 0.3546,
0.3593

■ 18.2350, 0.2202,
0.2355

■ 67.3191, 0.3664,
0.3668

■ 15.6547, 0.2067,
0.2163

■ 73.7599, 0.3729,
0.3741

■ 13.4267, 0.1950,
0.1971

■ 78.3125, 0.3702,
0.3825

■ 11.5267, 0.1855,
0.1783

■ 83.1005, 0.3676,
0.3906

■ 9.9120, 0.1781,
0.1605

■ 88.1273, 0.3650,
0.3986

Harmonies

Analogous

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



37.0955, 0.2975, 0.3226



37.0955, 0.2987, 0.3175



37.0955, 0.3036, 0.3155

Triad

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



37.0955, 0.2987, 0.3175



37.0955, 0.3253, 0.3283



37.0955, 0.3143, 0.3414

Complementary

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



37.0955, 0.2987, 0.3175



38.2093, 0.3273, 0.3402

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.



37.0955, 0.3218, 0.3428



37.0955, 0.2987, 0.3175



37.0955, 0.3282, 0.3351

Square

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



37.0955, 0.2987, 0.3175



37.0955, 0.3190, 0.3217



37.0955, 0.3269, 0.3405



37.0955, 0.3064, 0.3365

Rectangle

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



37.0955, 0.2987, 0.3175



37.0955, 0.3084, 0.3162



37.0955, 0.3269, 0.3405



37.0955, 0.3169, 0.3423

Sweetspot

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



37.0971, 0.2987, 0.3175



71.9948, 0.3081, 0.3253



39.7504, 0.3053, 0.3409



15.4884, 0.3070, 0.3244



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.



37.0971, 0.2987, 0.3175



64.7809, 0.2957, 0.3149



34.3846, 0.2986, 0.3061



8.3962, 0.2986, 0.3174



7.3143, 0.1781, 0.1610



0.3130, 0.1934, 0.2164

Inverse Universe

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



35.7092, 0.3210, 0.3178



61.8469, 0.3230, 0.3153



41.0900, 0.3262, 0.3509



8.0799, 0.3211, 0.3177



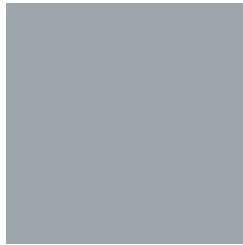
7.0414, 0.4919, 0.2483



0.2069, 0.4271, 0.2127

Previews

White Background



This preview shows how the Yxy color 37.0955, 0.2987, 0.3175 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 37.0955, 0.2987, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

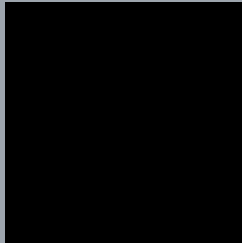
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

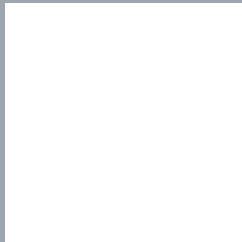
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0955, 0.2987, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 37.0955, 0.2987, 0.3175.



This preview shows how white text looks on a background with the Yxy color 37.0955, 0.2987, 0.3175.

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

37.0955, 0.2987, 0.3175

Protanopia

37.0655, 0.3059, 0.3162

Deuteranopia

36.9662, 0.3146, 0.3084



Tritanopia

36.9943, 0.2963, 0.3104

Trichromacy



Original Color

37.0955, 0.2987, 0.3175

Protanomaly

37.1065, 0.3031, 0.3176

Deuteranomaly

36.8706, 0.3079, 0.3108

Tritanomaly

36.9546, 0.2971, 0.3118

Monochromacy



Original Color

37.0955, 0.2987, 0.3175

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9180, 0.3073, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0955, 0.2987, 0.3175 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(157, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 165, 173) }
```

Border

The CSS property to change the border of an element to Yxy 37.0955, 0.2987, 0.3175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

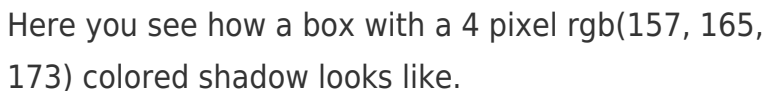
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 165, 173) }
```

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

```
.border{ border-color:rgb(157, 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(157, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 165, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 165, 173); box-shadow:4px 4px 4px 4px rgb(157, 165, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0955, 0.2987, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 165, 173) }
```

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

```
.background{ background-color: rgb(157,  
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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