

Converting Colors

$Yxy(37.5006, 0.3072, 0.3626)$

Have a look what the booklet for
Yxy(37.5006, 0.3072, 0.3626)
contains.

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Color

Yxy(37.3155, 0.3076, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	91AB95
RGB	145, 171, 149
RGB Percent	57%, 67%, 58%
CMY	0.4314, 0.3294, 0.4158
CMYK	0.15, 0.00, 0.13, 0.33
HSL	129°, 13%, 62%
HSV	129°, 15%, 67%
XYZ	31.6641, 37.3155, 33.9597
YIQ	160.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

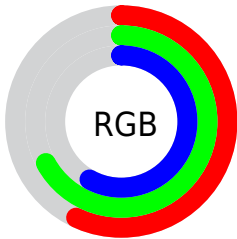
Format	Color
RYB	145, 168, 171
Decimal	9546645
CIELab	67.51, -13.36, 8.36
CIElCh	68, 15.754, 147.970
Yxy	37.3155, 0.3076, 0.3625
Android (android.graphics.Color)	4287736725 (0xFF91AB95)
YUV	160.7180, -5.7770, -13.7847
Hunter-Lab	61.0864, -14.3758, 9.7995

Details

The Yxy color **37.3155, 0.3076, 0.3625** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.7018, 0.3183, 0.2977**, and the grayscale version is **35.5337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8466, 0.3087, 0.3555**, and **16.4552, 0.3057, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **35.4445, 0.3042, 0.3880**, and if you desaturate by 10%, it is **39.4811, 0.3110, 0.3398**.

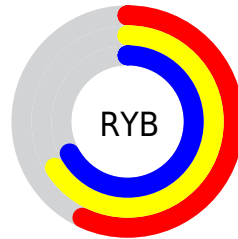
Distribution



Red (57%)

Green (67%)

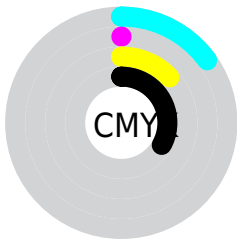
Blue (58%)



Red (57%)

Yellow (66%)

Blue (67%)

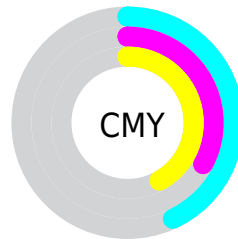


Cyan (15%)

Magenta (0%)

Yellow (13%)

Black (33%)



Cyan (43%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3155, 0.3076, 0.3625 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 37.3155, 0.3076, 0.3625 by changing the saturation by 10% instead.


 37.3155, 0.3076,
0.3625


 37.3155, 0.3076,
0.3625


334.6745, 0.3104,
0.3448

 25.4519, 0.3068,
0.3673


 71.0578, 0.3087,
0.3558

 16.4140, 0.3057,
0.3737


 93.7052, 0.3091,
0.3534

 9.8176, 0.3041,
0.3826


120.7160, 0.3094,
0.3513

 5.2782, 0.3015,
0.3959

152.4745, 0.3097,
0.3496

 2.4114, 0.2970,
0.4181

189.3653, 0.3099,
0.3481

 0.8317, 0.2871,
0.5141

231.7726, 0.3101,

 0.0000, 0.0000,

0.3469

0.0000

280.0808, 0.3103,
0.3457

■ 37.3155, 0.3076,
0.3625

■ 37.3155, 0.3076,
0.3625

■ 35.4445, 0.3042,
0.3880

■ 39.4811, 0.3110,
0.3398

■ 33.8507, 0.3010,
0.4161

■ 41.9482, 0.3143,
0.3197

■ 32.5224, 0.2981,
0.4462

■ 44.7295, 0.3174,
0.3023

■ 31.4449, 0.2957,
0.4773

■ 47.8357, 0.3204,
0.2871

■ 30.6024, 0.2942,
0.5080

■ 51.2766, 0.3231,
0.2740

■ 29.9769, 0.2936,
0.5365

■ 55.0620, 0.3256,
0.2627

■ 29.5481, 0.2942,
0.5609

■ 57.3131, 0.3201,
0.2509

■ 29.2908, 0.2956,
0.5795

■ 57.6075, 0.3166,
0.2469

■ 29.2028, 0.2962,
0.5864

Harmonies

Analogous

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



37.3155, 0.3313, 0.3709



37.3155, 0.3076, 0.3625



37.3155, 0.2859, 0.3440

Triad

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



37.3155, 0.3076, 0.3625



37.3155, 0.2756, 0.2913



37.3155, 0.3556, 0.3339

Complementary

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



37.3155, 0.3076, 0.3625



31.7018, 0.3183, 0.2977

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.



37.3155, 0.3396, 0.3142



37.3155, 0.3076, 0.3625



37.3155, 0.2931, 0.2902

Square

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



37.3155, 0.3076, 0.3625



37.3155, 0.2679, 0.3024



37.3155, 0.3165, 0.2985



37.3155, 0.3596, 0.3532

Rectangle

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



37.3155, 0.3076, 0.3625



37.3155, 0.2753, 0.3290



37.3155, 0.3165, 0.2985



37.3155, 0.3515, 0.3272

Sweetspot

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



37.3171, 0.3076, 0.3625



70.7524, 0.3110, 0.3395



39.3989, 0.3313, 0.3663



15.7152, 0.3108, 0.3410



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.



37.3171, 0.3076, 0.3625



65.7298, 0.3065, 0.3702



37.7530, 0.2972, 0.3426



8.9586, 0.3096, 0.3488



22.0185, 0.2959, 0.5852



0.6185, 0.2832, 0.5396

Inverse Universe

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



31.7018, 0.3183, 0.2977



53.8723, 0.3196, 0.2911



31.2474, 0.3312, 0.3158



8.1267, 0.3160, 0.3100



8.0704, 0.3630, 0.1774



0.2301, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 37.3155, 0.3076, 0.3625 looks on a white background.

Color Contrast Check

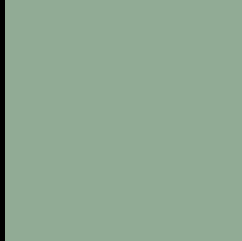
Large Text (above 18pt) WCAG AA × Fail

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 37.3155, 0.3076, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

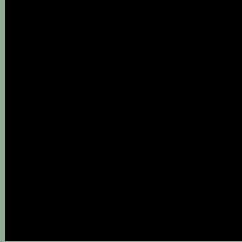
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3155, 0.3076, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 37.3155, 0.3076, 0.3625.



This preview shows how white text looks on a background with the Yxy color 37.3155, 0.3076, 0.3625.

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

37.3155, 0.3076, 0.3625

Protanopia

37.2532, 0.3365, 0.3563

Deuteranopia

37.0350, 0.3452, 0.3373



Tritanopia

37.4168, 0.2871, 0.3102

Trichromacy



Original Color

37.3155, 0.3076, 0.3625

Protanomaly

37.3941, 0.3263, 0.3598

Deuteranomaly

36.9748, 0.3302, 0.3462

Tritanomaly

37.1657, 0.2941, 0.3275

Monochromacy



Original Color

37.3155, 0.3076, 0.3625

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.3132, 0.3103, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3155, 0.3076, 0.3625 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(145, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(145, 171, 149)  
}
```

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(145, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 171, 149) }
```

Border

The CSS property to change the border of an element to Yxy 37.3155, 0.3076, 0.3625 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(145, 171, 149) }
```

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

```
.border{ border-color:rgb(145, 171, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 171, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 171,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3155, 0.3076, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 171, 149) }
```

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

```
.background{ background-color: rgb(145,  
171, 149) }
```

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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