

Converting Colors

$Y_{xy}(37.5079, 0.3325, 0.3236)$

Have a look what the booklet for
Yxy(37.5079, 0.3325, 0.3236)
contains.

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Color

Yxy(37.5079, 0.3325, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	B79FA3
RGB	183, 159, 163
RGB Percent	72%, 62%, 64%
CMY	0.2823, 0.3765, 0.3608
CMYK	0.00, 0.13, 0.11, 0.28
HSL	350°, 14%, 67%
HSV	350°, 13%, 72%
XYZ	38.5395, 37.5079, 39.8608
YIQ	166.6320, 13.0200, 6.3320

Conversions

Conversions Part 2

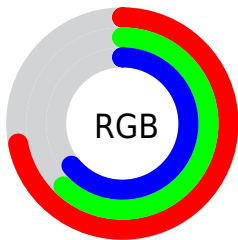
Format	Color
R _Y B	183, 159, 163
Decimal	12033955
CIE Lab	67.66, 9.49, 1.16
CIE LCh	68, 9.560, 6.979
Yxy	37.5079, 0.3325, 0.3236
Android (android.graphics.Color)	4290224035 (0xFFB79FA3)
YUV	166.6320, -1.7906, 14.3547
Hunter-Lab	61.2437, 5.1502, 4.2813

Details

The Yxy color $37.5079, 0.3325, 0.3236$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.4972, 0.2960, 0.3345$, and the grayscale version is $38.4608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.5058, 0.3284, 0.3248$, and $16.6186, 0.3394, 0.3234$ is the 20% darker color. If you saturate the color by 10%, you get $31.1602, 0.3518, 0.3192$, and if you desaturate by 10%, it is $44.8567, 0.3169, 0.3278$.

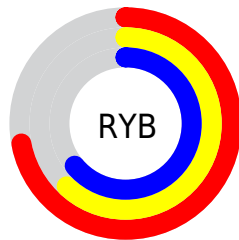
Distribution



Red (72%)

Green (62%)

Blue (64%)



Red (72%)

Yellow (62%)

Blue (64%)

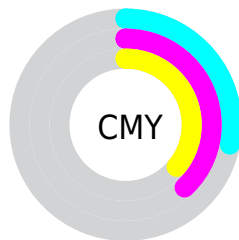


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5079, 0.3325, 0.3236 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 37.5079, 0.3325, 0.3236 by changing the saturation by 10% instead.


 37.5079, 0.3325,
0.3236


 37.5079, 0.3325,
0.3236


335.5043, 0.3222,
0.3264

 25.6010, 0.3352,
0.3228


 71.3532, 0.3287,
0.3247

 16.5254, 0.3387,
0.3218

 94.0605, 0.3273,
0.3251

 9.8967, 0.3436,
0.3204


121.1366, 0.3261,
0.3254

 5.3305, 0.3507,
0.3184

152.9660, 0.3251,
0.3257

 2.4425, 0.3621,
0.3150

189.9330, 0.3242,
0.3259

 0.8476, 0.3839,
0.3091


232.4222, 0.3235,

 0.0000, 0.0000,


0.3261

0.0000


280.8178, 0.3228,
0.3263

 37.5079, 0.3325,
0.3236


 37.5079, 0.3325,
0.3236


 31.1602, 0.3518,
0.3192


 44.8567, 0.3169,
0.3278


 25.7656, 0.3755,
0.3147

 53.2421, 0.3043,
0.3316

 21.2793, 0.4043,
0.3104

 62.7041, 0.2941,
0.3351

 17.6512, 0.4387,
0.3068

 73.2789, 0.2858,
0.3383

 14.8263, 0.4779,
0.3044

 85.0012, 0.2790,
0.3412

■ 12.7431, 0.5202,
0.3042

■ 88.7762, 0.2718,
0.3294

■ 11.3311, 0.5614,
0.3067

■ 88.8086, 0.2716,
0.3289

■ 10.5063, 0.5965,
0.3123

■ 10.1650, 0.6156,
0.3165

Harmonies

Analogous

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



37.5079, 0.3196, 0.3127



37.5079, 0.3325, 0.3236



37.5079, 0.3401, 0.3360

Triad

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



37.5079, 0.3325, 0.3236



37.5079, 0.3200, 0.3533



37.5079, 0.2859, 0.3104

Complementary

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



37.5079, 0.3325, 0.3236



44.4972, 0.2960, 0.3345

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.



37.5079, 0.2861, 0.3210



37.5079, 0.3325, 0.3236



37.5079, 0.3055, 0.3462

Square

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



37.5079, 0.3325, 0.3236



37.5079, 0.3327, 0.3535



37.5079, 0.2932, 0.3341



37.5079, 0.2928, 0.3051

Rectangle

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



37.5079, 0.3325, 0.3236



37.5079, 0.3410, 0.3437



37.5079, 0.2932, 0.3341



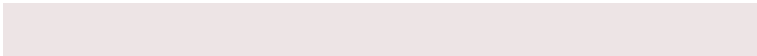
37.5079, 0.2852, 0.3134

Sweetspot

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



37.5096, 0.3325, 0.3236



79.0034, 0.3183, 0.3274



37.7529, 0.3101, 0.2968



17.2194, 0.3193, 0.3271



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.



37.5096, 0.3325, 0.3236



63.4057, 0.3381, 0.3222



40.0643, 0.3349, 0.3394



9.0360, 0.3262, 0.3252



7.0974, 0.6131, 0.3151



0.2578, 0.5492, 0.2799

Inverse Universe

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



37.5096, 0.3325, 0.3236



63.4057, 0.3381, 0.3222



41.6091, 0.2927, 0.3184



9.0360, 0.3262, 0.3252



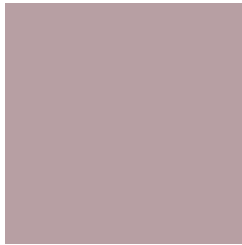
7.0974, 0.6131, 0.3151



0.2578, 0.5492, 0.2799

Previews

White Background



This preview shows how the Yxy color 37.5079, 0.3325, 0.3236 looks on a white background.

Color Contrast Check

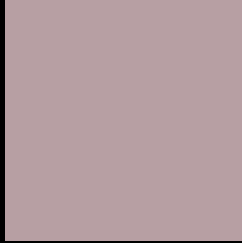
Large Text (above 18pt) WCAG AA × Fail

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 37.5079, 0.3325, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

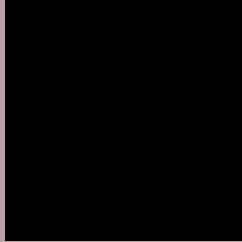
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5079, 0.3325, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 37.5079, 0.3325, 0.3236.



This preview shows how white text looks on a background with the Yxy color 37.5079, 0.3325, 0.3236.

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

37.5079, 0.3325, 0.3236

Protanopia

37.5196, 0.3138, 0.3262

Deuteranopia

37.6097, 0.3304, 0.3249



Tritanopia

37.5463, 0.3271, 0.3129

Trichromacy



Original Color

37.5079, 0.3325, 0.3236

Protanomaly

37.4415, 0.3205, 0.3248

Deuteranomaly

37.7310, 0.3314, 0.3250

Tritanomaly

37.4341, 0.3299, 0.3169

Monochromacy



Original Color

37.5079, 0.3325, 0.3236

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1883, 0.3194, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5079, 0.3325, 0.3236 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(183, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 163)  
}
```

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(183, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 163) }
```

Border

The CSS property to change the border of an element to Yxy 37.5079, 0.3325, 0.3236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

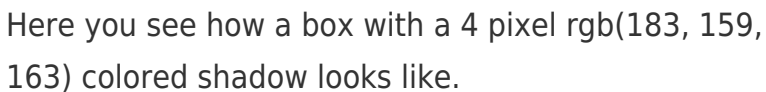
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 159, 163) }
```

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

```
.border{ border-color:rgb(183, 159, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 159, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 159, 163); box-shadow:4px 4px 4px 4px rgb(183, 159, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5079, 0.3325, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 163) }
```

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

```
.background{ background-color: rgb(183,  
159, 163) }
```

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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