

Converting Colors

$Y_{xy}(37.3361, 0.2952, 0.2919)$

Have a look what the booklet for
Yxy(37.3361, 0.2952, 0.2919)
contains.

Yxy(37.3361, 0.2952, 0.2919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.3361, 0.2952, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	A7A1BC
RGB	167, 161, 188
RGB Percent	65%, 63%, 74%
CMY	0.3452, 0.3686, 0.2626
CMYK	0.11, 0.14, 0.00, 0.26
HSL	253°, 17%, 68%
HSV	253°, 14%, 74%
XYZ	37.7582, 37.3361, 52.8129
YIQ	165.8720, -5.0910, 9.6690

Conversions

Conversions Part 2

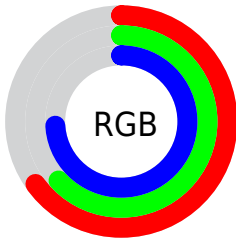
Format	Color
R_{YB}	167, 161, 188
Decimal	10985916
CIE _{Lab}	67.53, 7.52, -13.13
CIE _{LCh}	68, 15.130, 299.818
Yxy	37.3361, 0.2952, 0.2919
Android (android.graphics.Color)	4289175996 (0xFFA7A1BC)
YUV	165.8720, 10.9091, 0.9893
Hunter-Lab	61.1033, 3.3717, -8.4733

Details

The Yxy color **37.3361, 0.2952, 0.2919** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.5073, 0.3288, 0.3647**, and the grayscale version is **38.0167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1730, 0.2987, 0.2993**, and **16.5460, 0.2895, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **29.7465, 0.2809, 0.2628**, and if you desaturate by 10%, it is **46.0978, 0.3078, 0.3183**.

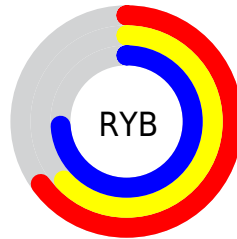
Distribution



Red (65%)

Green (63%)

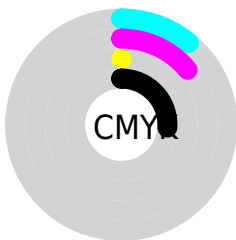
Blue (74%)



Red (65%)

Yellow (63%)

Blue (74%)

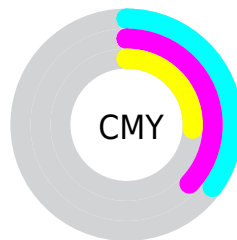


Cyan (11%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (35%)


Magenta (37%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3361, 0.2952, 0.2919 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 37.3361, 0.2952, 0.2919 by changing the saturation by 10% instead.


 37.3361, 0.2952,
0.2919


 37.3361, 0.2952,
0.2919


334.7634, 0.3044,
0.3108

 25.4678, 0.2928,
0.2871


 71.0894, 0.2986,
0.2988

 16.4259, 0.2896,
0.2809

 93.7432, 0.2999,
0.3014

 9.8261, 0.2852,
0.2725


120.7610, 0.3009,
0.3036

 5.2838, 0.2788,
0.2607

152.5272, 0.3018,
0.3054

 2.4147, 0.2687,
0.2428

189.4261, 0.3026,
0.3070

 0.8334, 0.2506,
0.2124

231.8422, 0.3033,

 0.0000, 0.0000,

0.3084

0.0000

280.1598, 0.3038,
0.3097

■ 37.3361, 0.2952,
0.2919

■ 37.3361, 0.2952,
0.2919

■ 29.7465, 0.2809,
0.2628

■ 46.0978, 0.3078,
0.3183

■ 23.2742, 0.2648,
0.2313

■ 56.0739, 0.3186,
0.3419

■ 17.8674, 0.2474,
0.1985

■ 67.3102, 0.3279,
0.3628

■ 13.4678, 0.2291,
0.1656

■ 79.8488, 0.3359,
0.3811

■ 10.0118, 0.2107,
0.1346

■ 93.7149, 0.3426,
0.3971

■ 7.4282, 0.1935,
0.1074

■ 96.3857, 0.3525,
0.3949

■ 5.6353, 0.1786,
0.0862

■ 96.4124, 0.3526,
0.3949

■ 4.5355, 0.1668,
0.0720

■ 4.1157, 0.1616,
0.0664

Harmonies

Analogous

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



37.3361, 0.2779, 0.2924



37.3361, 0.2952, 0.2919



37.3361, 0.3178, 0.3004

Triad

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



37.3361, 0.2952, 0.2919



37.3361, 0.3576, 0.3533



37.3361, 0.2858, 0.3421

Complementary

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



37.3361, 0.2952, 0.2919



48.5073, 0.3288, 0.3647

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.



37.3361, 0.3064, 0.3602



37.3361, 0.2952, 0.2919



37.3361, 0.3481, 0.3661

Square

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



37.3361, 0.2952, 0.2919



37.3361, 0.3545, 0.3350



37.3361, 0.3293, 0.3691



37.3361, 0.2726, 0.3206

Rectangle

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



37.3361, 0.2952, 0.2919



37.3361, 0.3329, 0.3102



37.3361, 0.3293, 0.3691



37.3361, 0.2921, 0.3488

Sweetspot

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



37.3377, 0.2952, 0.2919



84.0359, 0.3081, 0.3191



44.7393, 0.2909, 0.3210



17.7964, 0.3072, 0.3172



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.3377, 0.2952, 0.2919



63.4335, 0.2912, 0.2837



38.8728, 0.3073, 0.2932



9.3244, 0.3017, 0.3055



2.8286, 0.1625, 0.0669



0.1405, 0.1872, 0.0805

Inverse Universe

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



39.5675, 0.3196, 0.3015



68.2082, 0.3212, 0.2958



46.9529, 0.3173, 0.3659



9.6592, 0.3170, 0.3113



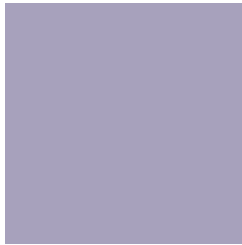
8.7129, 0.3853, 0.1896



0.3504, 0.3670, 0.1795

Previews

White Background



This preview shows how the Yxy color 37.3361, 0.2952, 0.2919 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 37.3361, 0.2952, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

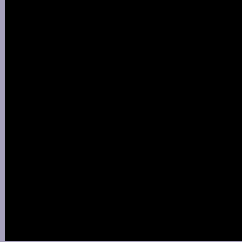
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3361, 0.2952, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 37.3361, 0.2952, 0.2919.



This preview shows how white text looks on a background with the Yxy color 37.3361, 0.2952, 0.2919.

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

37.3361, 0.2952, 0.2919

Protanopia

37.3421, 0.2884, 0.2928

Deuteranopia

37.2075, 0.2970, 0.2907



Tritanopia

37.3283, 0.3034, 0.3107

Trichromacy



Original Color

37.3361, 0.2952, 0.2919

Protanomaly

37.3013, 0.2909, 0.2917

Deuteranomaly

37.0973, 0.2961, 0.2906

Tritanomaly

37.2429, 0.3010, 0.3039

Monochromacy



Original Color

37.3361, 0.2952, 0.2919

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7139, 0.3060, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3361, 0.2952, 0.2919 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(167, 161, 188)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 188)  
}
```

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(167, 161, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 188) }
```

Border

The CSS property to change the border of an element to Yxy 37.3361, 0.2952, 0.2919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

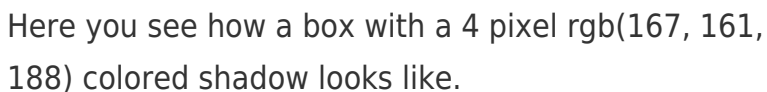
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 161, 188) }
```

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

```
.border{ border-color:rgb(167, 161, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 161, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 161, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 161, 188); box-shadow:4px 4px 4px 4px rgb(167, 161, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3361, 0.2952, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 188) }
```

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

```
.background{ background-color: rgb(167,  
161, 188) }
```

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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