

Converting Colors

$Yxy(37.7456, 0.3098, 0.2941)$

Have a look what the booklet for
Yxy(37.7456, 0.3098, 0.2941)
contains.

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Color

Yxy(37.6598, 0.3097, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	B49EB9
RGB	180, 158, 185
RGB Percent	71%, 62%, 73%
CMY	0.2941, 0.3804, 0.2745
CMYK	0.03, 0.15, 0.00, 0.27
HSL	289°, 16%, 67%
HSV	289°, 15%, 73%
XYZ	39.8063, 37.6598, 51.0657
YIQ	167.6560, 4.4450, 13.0610

Conversions

Conversions Part 2

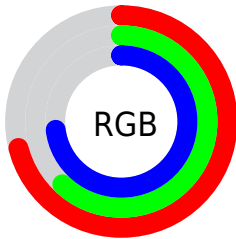
Format	Color
R_{YB}	180, 158, 185
Decimal	11837113
CIE _{Lab}	67.77, 13.01, -10.96
CIE _{LCh}	68, 17.014, 319.900
Yxy	37.6598, 0.3097, 0.2930
Android (android.graphics.Color)	4290027193 (0xFFB49EB9)
YUV	167.6560, 8.5506, 10.8257
Hunter-Lab	61.3676, 8.3913, -6.3795

Details

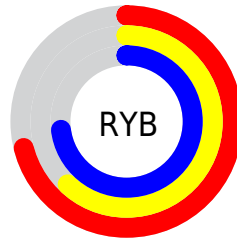
The Yxy color **37.6598, 0.3097, 0.2930** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.9494, 0.3151, 0.3668**, and the grayscale version is **38.9372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7722, 0.3105, 0.3001**, and **16.6934, 0.3082, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **31.4128, 0.3071, 0.2672**, and if you desaturate by 10%, it is **44.8701, 0.3119, 0.3180**.

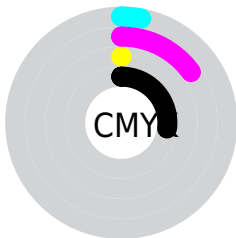
Distribution



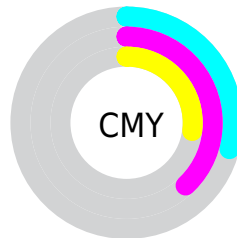
- Red (71%)
- Green (62%)
- Blue (73%)



- Red (71%)
- Yellow (62%)
- Blue (73%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)




- Cyan (29%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.6598, 0.3097, 0.2930 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 37.6598, 0.3097, 0.2930 by changing the saturation by 10% instead.


 37.6598, 0.3097,
0.2930


 37.6598, 0.3097,
0.2930


336.1583, 0.3114,
0.3112

 25.7188, 0.3092,
0.2884


 71.5864, 0.3104,
0.2996

 16.6134, 0.3085,
0.2825

 94.3407, 0.3106,
0.3021

 9.9592, 0.3074,
0.2746


121.4683, 0.3108,
0.3042

 5.3719, 0.3058,
0.2634

153.3535, 0.3110,
0.3060

 2.4671, 0.3030,
0.2466

190.3807, 0.3111,
0.3076

 0.8601, 0.2973,
0.2184

232.9343, 0.3113,

 0.0000, 0.1430,

0.3089

0.0000

281.3987, 0.3114,
0.3101

0.0000, 0.0000,
0.0000

37.6598, 0.3097,
0.2930

37.6598, 0.3097,
0.2930

31.4128, 0.3071,
0.2672

44.8701, 0.3119,
0.3180

26.0819, 0.3039,
0.2412

53.0787, 0.3136,
0.3416

21.6231, 0.3002,
0.2158

62.3246, 0.3150,
0.3637

17.9869, 0.2961,
0.1921

72.6433, 0.3160,
0.3840

15.1188, 0.2916,
0.1712

84.0687, 0.3167,
0.4025

■ 12.9577, 0.2869,
0.1538

■ 87.3732, 0.3185,
0.4064

■ 11.4327, 0.2820,
0.1407

■ 87.8508, 0.3206,
0.4059

■ 10.4587, 0.2771,
0.1321

■ 88.3390, 0.3228,
0.4054

■ 10.0633, 0.2745,
0.1286

■ 88.8379, 0.3250,
0.4048

Harmonies

Analogous

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



37.6598, 0.2857, 0.2866



37.6598, 0.3097, 0.2930



37.6598, 0.3354, 0.3080

Triad

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



37.6598, 0.3097, 0.2930



37.6598, 0.3573, 0.3668



37.6598, 0.2716, 0.3274

Complementary

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



37.6598, 0.3097, 0.2930



44.9494, 0.3151, 0.3668

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.



37.6598, 0.2895, 0.3513



37.6598, 0.3097, 0.2930



37.6598, 0.3390, 0.3744

Square

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



37.6598, 0.3097, 0.2930



37.6598, 0.3635, 0.3497



37.6598, 0.3141, 0.3689



37.6598, 0.2644, 0.3052

Rectangle

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



37.6598, 0.3097, 0.2930



37.6598, 0.3498, 0.3212



37.6598, 0.3141, 0.3689



37.6598, 0.2765, 0.3355

Sweetspot

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



37.6614, 0.3097, 0.2930



81.0942, 0.3120, 0.3192



37.1092, 0.2898, 0.2986



17.2587, 0.3118, 0.3174



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.



37.6614, 0.3097, 0.2930



63.1138, 0.3088, 0.2835



37.9386, 0.3217, 0.3039



9.0766, 0.3109, 0.3063



6.8821, 0.2751, 0.1289



0.2647, 0.2877, 0.1358

Inverse Universe

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



37.4124, 0.3346, 0.3223



62.5880, 0.3414, 0.3205



44.7214, 0.3048, 0.3555



9.0386, 0.3259, 0.3248



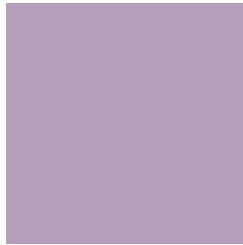
7.1106, 0.6087, 0.3127



0.2589, 0.5413, 0.2756

Previews

White Background



This preview shows how the Yxy color 37.6598, 0.3097, 0.2930 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 37.6598, 0.3097, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

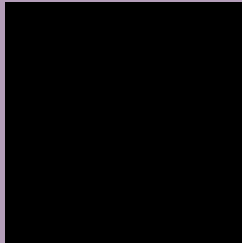
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6598, 0.3097, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 37.6598, 0.3097, 0.2930.



This preview shows how white text looks on a background with the Yxy color 37.6598, 0.3097, 0.2930.

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

37.6598, 0.3097, 0.2930

Protanopia

37.8021, 0.2893, 0.2943

Deuteranopia

37.7211, 0.3031, 0.2976



Tritanopia

37.6237, 0.3183, 0.3113

Trichromacy



Original Color

37.6598, 0.3097, 0.2930

Protanomaly

37.7963, 0.2962, 0.2934

Deuteranomaly

37.7163, 0.3058, 0.2965

Tritanomaly

37.5543, 0.3158, 0.3046

Monochromacy



Original Color

37.6598, 0.3097, 0.2930

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3776, 0.3115, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6598, 0.3097, 0.2930 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(180, 158, 185)` looks like.

```
.text, #text, p{  
    color:rgb(180, 158, 185)  
}
```

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(180, 158, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 158, 185) }
```

Border

The CSS property to change the border of an element to Yxy 37.6598, 0.3097, 0.2930 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(180, 158, 185) }
```

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

```
.border{ border-color:rgb(180, 158, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 158, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 158, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 158, 185);  
box-shadow:4px 4px 4px 4px rgb(180, 158,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6598, 0.3097, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 158, 185) }
```

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

```
.background{ background-color: rgb(180,  
158, 185) }
```

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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