

Converting Colors

$Yxy(37.8186, 0.3551, 0.3081)$

Have a look what the booklet for
Yxy(37.8186, 0.3551, 0.3081)
contains.

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Color

Yxy(37.8681, 0.3544, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	CF96A7
RGB	207, 150, 167
RGB Percent	81%, 59%, 65%
CMY	0.1882, 0.4118, 0.3450
CMYK	0.00, 0.28, 0.19, 0.19
HSL	342°, 37%, 70%
HSV	342°, 28%, 81%
XYZ	43.6154, 37.8681, 41.5848
YIQ	168.9810, 28.5150, 17.3710

Conversions

Conversions Part 2

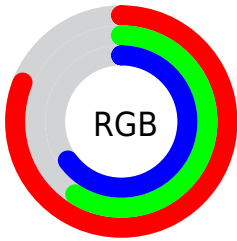
Format	Color
R _Y B	207, 150, 167
Decimal	13604519
CIE Lab	67.92, 23.92, -0.41
CIE LCh	68, 23.924, 359.014
Yxy	37.8681, 0.3544, 0.3077
Android (android.graphics.Color)	4291794599 (0xFFCF96A7)
YUV	168.9810, -0.9766, 33.3427
Hunter-Lab	61.5371, 18.8249, 3.0097

Details

The Yxy color **37.8681, 0.3544, 0.3077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8255, 0.2833, 0.3515**, and the grayscale version is **39.6623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1966, 0.3388, 0.3119**, and **16.8369, 0.3679, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **31.3295, 0.3762, 0.2996**, and if you desaturate by 10%, it is **45.6373, 0.3365, 0.3158**.

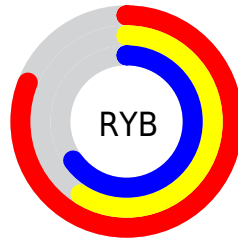
Distribution



Red (81%)

Green (59%)

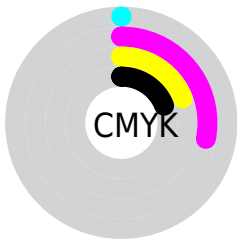
Blue (65%)



Red (81%)

Yellow (59%)

Blue (65%)

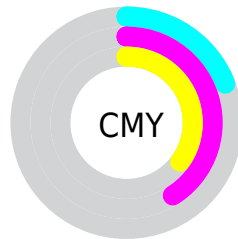


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8681, 0.3544, 0.3077 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 37.8681, 0.3544, 0.3077 by changing the saturation by 10% instead.


 37.8681, 0.3544,
0.3077


 37.8681, 0.3544,
0.3077


337.0538, 0.3329,
0.3187

 25.8803, 0.3600,
0.3048


 71.9059, 0.3464,
0.3118

 16.7341, 0.3674,
0.3011


 94.7248, 0.3434,
0.3133

 10.0451, 0.3774,
0.2960


121.9228, 0.3410,
0.3146

 5.4289, 0.3920,
0.2886

153.8843, 0.3389,
0.3156

 2.5010, 0.4149,
0.2771

190.9938, 0.3370,
0.3166

 0.8772, 0.4558,
0.2565

233.6356, 0.3355,

 0.0000, 1.0000,

0.3174


0.0000

282.1942, 0.3341,
0.3181


 0.0000, 0.0000,
0.0000


 37.8681, 0.3544,
0.3077


 37.8681, 0.3544,
0.3077


 31.3295, 0.3762,
0.2996


 45.6373, 0.3365,
0.3158


 25.9529, 0.4022,
0.2920


 54.6908, 0.3219,
0.3235


 21.6710, 0.4327,
0.2857

 65.0851, 0.3100,
0.3307

 18.4072, 0.4671,
0.2818

 76.8721, 0.3003,
0.3374

 16.0751, 0.5036,
0.2814

 90.1008, 0.2924,
0.3435

■ 14.5736, 0.5395,
0.2854

■ 91.9488, 0.2848,
0.3298

■ 13.7626, 0.5713,
0.2939

■ 92.0052, 0.2844,
0.3289

■ 13.6113, 0.5786,
0.2961

Harmonies

Analogous

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



37.8681, 0.3193, 0.2847



37.8681, 0.3544, 0.3077



37.8681, 0.3785, 0.3364

Triad

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



37.8681, 0.3544, 0.3077



37.8681, 0.3389, 0.3932



37.8681, 0.2464, 0.2876

Complementary

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



37.8681, 0.3544, 0.3077



54.8255, 0.2833, 0.3515

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.



37.8681, 0.2510, 0.3157



37.8681, 0.3544, 0.3077



37.8681, 0.3032, 0.3800

Square

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



37.8681, 0.3544, 0.3077



37.8681, 0.3687, 0.3866



37.8681, 0.2713, 0.3504



37.8681, 0.2581, 0.2725

Rectangle

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



37.8681, 0.3544, 0.3077



37.8681, 0.3843, 0.3559



37.8681, 0.2713, 0.3504



37.8681, 0.2461, 0.2957

Sweetspot

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



37.8698, 0.3544, 0.3077



86.7805, 0.3226, 0.3231



37.2526, 0.3001, 0.2577



18.0764, 0.3247, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.8698, 0.3544, 0.3077



54.3144, 0.3667, 0.3029



41.0976, 0.3683, 0.3436



11.8655, 0.3244, 0.3221



8.5906, 0.5750, 0.2941



0.4943, 0.5219, 0.2649

Inverse Universe

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



37.8698, 0.3544, 0.3077



54.3144, 0.3667, 0.3029



50.2885, 0.2714, 0.3139



11.8655, 0.3244, 0.3221



8.5906, 0.5750, 0.2941



0.4943, 0.5219, 0.2649

Previews

White Background



This preview shows how the Yxy color 37.8681, 0.3544, 0.3077 looks on a white background.

Color Contrast Check

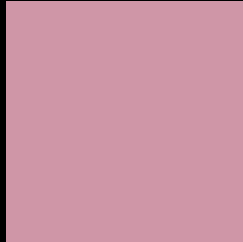
Large Text (above 18pt) WCAG AA × Fail

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 37.8681, 0.3544, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

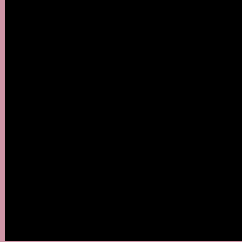
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8681, 0.3544, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 37.8681, 0.3544, 0.3077.



This preview shows how white text looks on a background with the Yxy color 37.8681, 0.3544, 0.3077.

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

37.8681, 0.3544, 0.3077

Protanopia

38.1518, 0.3043, 0.3136

Deuteranopia

38.1514, 0.3293, 0.3236



Tritanopia

37.8637, 0.3583, 0.3152

Trichromacy



Original Color

37.8681, 0.3544, 0.3077

Protanomaly

37.9825, 0.3212, 0.3114

Deuteranomaly

37.9435, 0.3379, 0.3172

Tritanomaly

37.9354, 0.3562, 0.3127

Monochromacy



Original Color

37.8681, 0.3544, 0.3077

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7351, 0.3274, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8681, 0.3544, 0.3077 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(207, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 167)  
}
```

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(207, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 167) }
```

Border

The CSS property to change the border of an element to Yxy 37.8681, 0.3544, 0.3077 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(207, 150, 167) }
```

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

```
.border{ border-color:rgb(207, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8681, 0.3544, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 167) }
```

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

```
.background{ background-color: rgb(207,  
150, 167) }
```

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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