

Converting Colors

$Yxy(37.7586, 0.3182, 0.2728)$

Have a look what the booklet for
Yxy(37.7586, 0.3182, 0.2728)
contains.

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Color

Yxy(37.7586, 0.3182, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	C696C3
RGB	198, 150, 195
RGB Percent	78%, 59%, 76%
CMY	0.2236, 0.4117, 0.2352
CMYK	0.00, 0.24, 0.01, 0.22
HSL	304°, 30%, 68%
HSV	304°, 24%, 78%
XYZ	44.0425, 37.7586, 56.6102
YIQ	169.4820, 14.1630, 24.1710

Conversions

Conversions Part 2

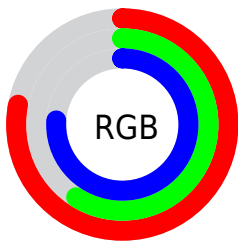
Format	Color
R _Y B	198, 150, 195
Decimal	13014723
CIE Lab	67.84, 25.52, -16.26
CIE LCh	68, 30.266, 327.494
Yxy	37.7586, 0.3182, 0.2728
Android (android.graphics.Color)	4291204803 (0xFFC696C3)
YUV	169.4820, 12.5804, 25.0103
Hunter-Lab	61.4480, 20.4047, -11.6085

Details

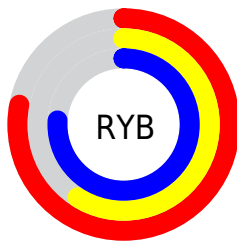
The Yxy color **37.7586, 0.3182, 0.2728** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1610, 0.3075, 0.3925**, and the grayscale version is **39.8592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9509, 0.3171, 0.2829**, and **16.7761, 0.3201, 0.2585** is the 20% darker color. If you saturate the color by 10%, you get **31.9112, 0.3208, 0.2496**, and if you desaturate by 10%, it is **44.6772, 0.3158, 0.2963**.

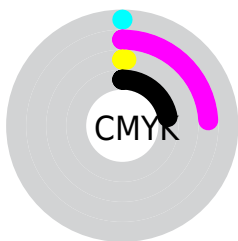
Distribution



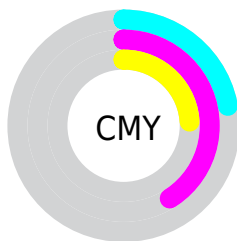
- Red (78%)
- Green (59%)
- Blue (76%)



- Red (78%)
- Yellow (59%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7586, 0.3182, 0.2728 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 37.7586, 0.3182, 0.2728 by changing the saturation by 10% instead.


 37.7586, 0.3182,
0.2728


 37.7586, 0.3182,
0.2728


336.5833, 0.3159,
0.3006

 25.7954, 0.3186,
0.2660


 71.7380, 0.3175,
0.2828

 16.6706, 0.3191,
0.2573


 94.5229, 0.3172,
0.2866

 9.9999, 0.3196,
0.2459


121.6839, 0.3169,
0.2898

 5.3989, 0.3200,
0.2302

153.6054, 0.3166,
0.2926

 2.4832, 0.3200,
0.2075

190.6716, 0.3164,
0.2950

 0.8682, 0.3183,
0.1721

233.2671, 0.3162,

 0.0000, 0.3111,

0.2971

0.0000

281.7762, 0.3161,
0.2989

■ 0.0000, 0.0000,
0.0000

■ 37.7586, 0.3182,
0.2728

■ 37.7586, 0.3182,
0.2728

■ 31.9112, 0.3208,
0.2496

■ 44.6772, 0.3158,
0.2963

■ 27.0764, 0.3235,
0.2276

■ 52.7119, 0.3136,
0.3195

■ 23.1976, 0.3262,
0.2077

■ 61.9110, 0.3116,
0.3417

■ 20.2106, 0.3289,
0.1908

■ 72.3185, 0.3098,
0.3627

■ 18.0434, 0.3315,
0.1778

■ 83.9764, 0.3083,
0.3823

■ 16.6128, 0.3338,
0.1690

■ 87.8026, 0.3074,
0.3870

■ 15.8180, 0.3359,
0.1644

■ 87.8607, 0.3067,
0.3856

■ 15.5388, 0.3371,
0.1630

■ 87.9192, 0.3060,
0.3842

■ 87.9782, 0.3054,
0.3828

Harmonies

Analogous

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



37.7586, 0.2745, 0.2577



37.7586, 0.3182, 0.2728



37.7586, 0.3634, 0.3004

Triad

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



37.7586, 0.3182, 0.2728



37.7586, 0.3845, 0.4001



37.7586, 0.2364, 0.3135

Complementary

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



37.7586, 0.3182, 0.2728



49.1610, 0.3075, 0.3925

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.



37.7586, 0.2621, 0.3584



37.7586, 0.3182, 0.2728



37.7586, 0.3472, 0.4111

Square

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



37.7586, 0.3182, 0.2728



37.7586, 0.4028, 0.3714



37.7586, 0.3023, 0.3962



37.7586, 0.2299, 0.2777

Rectangle

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



37.7586, 0.3182, 0.2728



37.7586, 0.3870, 0.3233



37.7586, 0.3023, 0.3962



37.7586, 0.2429, 0.3281

Sweetspot

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



37.7603, 0.3182, 0.2728



89.0647, 0.3142, 0.3129



32.6077, 0.2738, 0.2616



18.8721, 0.3143, 0.3115



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.



37.7603, 0.3182, 0.2728



61.2584, 0.3195, 0.2606



36.7821, 0.3407, 0.3012



10.8049, 0.3147, 0.3076



10.1127, 0.3368, 0.1629



0.4823, 0.3332, 0.1609

Inverse Universe

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



37.7603, 0.3182, 0.2728



61.2584, 0.3195, 0.2606



50.0124, 0.2915, 0.3587



10.8049, 0.3147, 0.3076



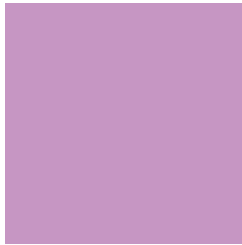
10.1127, 0.3368, 0.1629



0.4823, 0.3332, 0.1609

Previews

White Background



This preview shows how the Yxy color 37.7586, 0.3182, 0.2728 looks on a white background.

Color Contrast Check

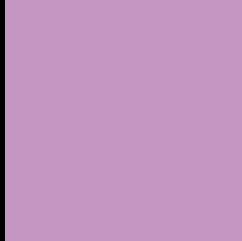
Large Text (above 18pt) WCAG AA × Fail

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 37.7586, 0.3182, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

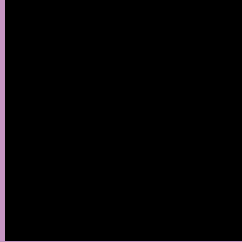
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7586, 0.3182, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 37.7586, 0.3182, 0.2728.



This preview shows how white text looks on a background with the Yxy color 37.7586, 0.3182, 0.2728.

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

37.7586, 0.3182, 0.2728

Protanopia

38.0266, 0.2732, 0.2733

Deuteranopia

38.1259, 0.2930, 0.2871



Tritanopia

37.7020, 0.3403, 0.3133

Trichromacy



Original Color

37.7586, 0.3182, 0.2728

Protanomaly

37.6712, 0.2883, 0.2733

Deuteranomaly

38.0521, 0.3020, 0.2817

Tritanomaly

37.5589, 0.3319, 0.2980

Monochromacy



Original Color

37.7586, 0.3182, 0.2728

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7583, 0.3156, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7586, 0.3182, 0.2728 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(198, 150, 195)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 195)  
}
```

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(198, 150, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 195) }
```

Border

The CSS property to change the border of an element to Yxy 37.7586, 0.3182, 0.2728 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(198, 150, 195) }
```

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

```
.border{ border-color:rgb(198, 150, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 195);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7586, 0.3182, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 195) }
```

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

```
.background{ background-color: rgb(198,  
150, 195) }
```

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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