

Converting Colors

Yxy(38.4539, 0.3211, 0.2733)

Have a look what the booklet for
Yxy(38.4539, 0.3211, 0.2733)
contains.

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Color

Yxy(38.6753, 0.3211, 0.2736)

Conversions

Conversions Part 1

Format	Color
Hex	CA97C4
RGB	202, 151, 196
RGB Percent	79%, 59%, 77%
CMY	0.2078, 0.4078, 0.2314
CMYK	0.00, 0.25, 0.03, 0.21
HSL	307°, 32%, 69%
HSV	307°, 25%, 79%
XYZ	45.3898, 38.6753, 57.2920
YIQ	171.3790, 15.9510, 24.8070

Conversions

Conversions Part 2

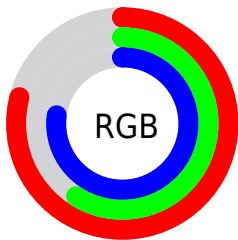
Format	Color
R _{YB}	202, 151, 196
Decimal	13277124
CIE _{Lab}	68.52, 26.53, -15.75
CIE _{LCh}	69, 30.851, 329.307
Yxy	38.6753, 0.3211, 0.2736
Android (android.graphics.Color)	4291467204 (0xFFCA97C4)
YUV	171.3790, 12.1382, 26.8546
Hunter-Lab	62.1895, 21.4489, -11.0883

Details

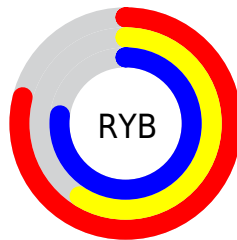
The Yxy color **38.6753, 0.3211, 0.2736** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2631, 0.3053, 0.3915**, and the grayscale version is **40.8581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4945, 0.3163, 0.2830**, and **17.0797, 0.3228, 0.2579** is the 20% darker color. If you saturate the color by 10%, you get **32.6145, 0.3251, 0.2516**, and if you desaturate by 10%, it is **45.8553, 0.3175, 0.2959**.

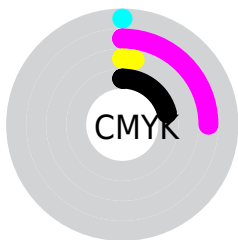
Distribution



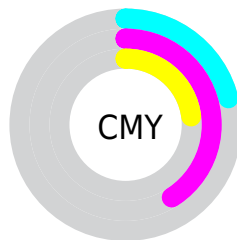
- Red (79%)
- Green (59%)
- Blue (77%)



- Red (79%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (21%)





- Cyan (21%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6753, 0.3211, 0.2736 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 38.6753, 0.3211, 0.2736 by changing the saturation by 10% instead.


 38.6753, 0.3211,
0.2736


 38.6753, 0.3211,
0.2736


340.5080, 0.3173,
0.3009

 26.5072, 0.3219,
0.2669


 73.1420, 0.3198,
0.2834

 17.2035, 0.3229,
0.2585


 96.2095, 0.3193,
0.2871

 10.3797, 0.3240,
0.2473


123.6788, 0.3189,
0.2903

 5.6514, 0.3254,
0.2321

155.9345, 0.3185,
0.2930

 2.6343, 0.3269,
0.2102

193.3608, 0.3181,
0.2954

 0.9439, 0.3279,
0.1762

236.3423, 0.3178,

 0.0000, 0.3477,

0.2974

0.0000

285.2632, 0.3176,
0.2993

0.0000, 0.0000,
0.0000

38.6753, 0.3211,
0.2736

38.6753, 0.3211,
0.2736

32.6145, 0.3251,
0.2516

45.8553, 0.3175,
0.2959

27.6111, 0.3294,
0.2306

54.2022, 0.3143,
0.3178

23.6049, 0.3339,
0.2118

63.7671, 0.3114,
0.3389

20.5277, 0.3385,
0.1959

74.5964, 0.3090,
0.3587

18.3027, 0.3430,
0.1838

86.7345, 0.3068,
0.3772

■ 16.8409, 0.3474,
0.1761

■ 88.7472, 0.3054,
0.3776

■ 16.0335, 0.3515,
0.1727

■ 88.8672, 0.3041,
0.3749

■ 15.7797, 0.3533,
0.1720

■ 88.9890, 0.3028,
0.3722

■ 89.1126, 0.3015,
0.3695

Harmonies

Analogous

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



38.6753, 0.2764, 0.2575



38.6753, 0.3211, 0.2736



38.6753, 0.3664, 0.3021

Triad

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



38.6753, 0.3211, 0.2736



38.6753, 0.3834, 0.4021



38.6753, 0.2346, 0.3107

Complementary

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



38.6753, 0.3211, 0.2736



51.2631, 0.3053, 0.3915

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.



38.6753, 0.2594, 0.3560



38.6753, 0.3211, 0.2736



38.6753, 0.3449, 0.4120

Square

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



38.6753, 0.3211, 0.2736



38.6753, 0.4034, 0.3738



38.6753, 0.2994, 0.3952



38.6753, 0.2293, 0.2754

Rectangle

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



38.6753, 0.3211, 0.2736



38.6753, 0.3896, 0.3254



38.6753, 0.2994, 0.3952



38.6753, 0.2408, 0.3253

Sweetspot

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



38.6770, 0.3211, 0.2736



87.5137, 0.3151, 0.3116



33.5613, 0.2747, 0.2588



18.2613, 0.3156, 0.3083



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.



38.6770, 0.3211, 0.2736



59.9519, 0.3231, 0.2622



37.6152, 0.3456, 0.3042



11.3800, 0.3155, 0.3088



10.1609, 0.3528, 0.1717



0.5308, 0.3458, 0.1678

Inverse Universe

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



38.6770, 0.3211, 0.2736



59.9519, 0.3231, 0.2622



52.2244, 0.2884, 0.3554



11.3800, 0.3155, 0.3088



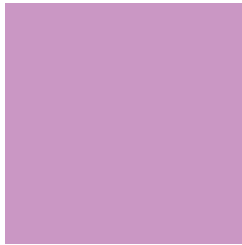
10.1609, 0.3528, 0.1717



0.5308, 0.3458, 0.1678

Previews

White Background



This preview shows how the Yxy color 38.6753, 0.3211, 0.2736 looks on a white background.

Color Contrast Check

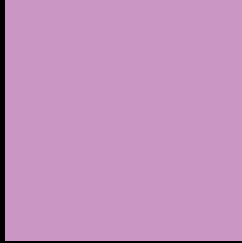
Large Text (above 18pt) WCAG AA × Fail

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 38.6753, 0.3211, 0.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

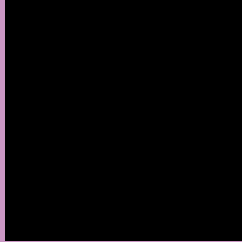
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6753, 0.3211, 0.2736

Background



This preview shows how black text looks on a background with the Yxy color 38.6753, 0.3211, 0.2736.



This preview shows how white text looks on a background with the Yxy color 38.6753, 0.3211, 0.2736.

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

38.6753, 0.3211, 0.2736

Protanopia

38.9978, 0.2743, 0.2751

Deuteranopia

38.7474, 0.2940, 0.2874



Tritanopia

38.6099, 0.3431, 0.3136

Trichromacy



Original Color

38.6753, 0.3211, 0.2736

Protanomaly

38.7527, 0.2902, 0.2752

Deuteranomaly

38.6815, 0.3029, 0.2821

Tritanomaly

38.4677, 0.3348, 0.2985

Monochromacy



Original Color

38.6753, 0.3211, 0.2736

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7913, 0.3156, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6753, 0.3211, 0.2736 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(202, 151, 196)` looks like.

```
.text, #text, p{  
    color:rgb(202, 151, 196)  
}
```

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(202, 151, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 151, 196) }
```

Border

The CSS property to change the border of an element to Yxy 38.6753, 0.3211, 0.2736 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(202, 151, 196) }
```

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

```
.border{ border-color:rgb(202, 151, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 151, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 151, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 151, 196); box-shadow:4px 4px 4px 4px rgb(202, 151, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6753, 0.3211, 0.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 151, 196) }
```

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

```
.background{ background-color: rgb(202,  
151, 196) }
```

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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