

Converting Colors

Yxy(50.9787, 0.3104, 0.2711)

Have a look what the booklet for
Yxy(50.9787, 0.3104, 0.2711)
contains.

Yxy(50.9787, 0.3104, 0.2711)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9787, 0.3104, 0.2711)

Conversions

Conversions Part 1

Format	Color
Hex	DCAEE2
RGB	220, 174, 226
RGB Percent	86%, 68%, 89%
CMY	0.1374, 0.3176, 0.1138
CMYK	0.03, 0.23, 0.00, 0.11
HSL	293°, 47%, 78%
HSV	293°, 23%, 89%
XYZ	58.3688, 50.9787, 78.6964
YIQ	193.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

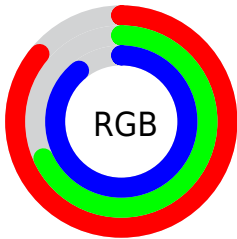
Format	Color
R _Y B	220, 174, 226
Decimal	14462690
CIE Lab	76.67, 25.57, -19.72
CIE LCh	77, 32.290, 322.369
Yxy	50.9787, 0.3104, 0.2711
Android (android.graphics.Color)	4292652770 (0xFFDCAEE2)
YUV	193.6820, 15.9328, 23.0809
Hunter-Lab	71.3994, 20.9745, -15.3699

Details

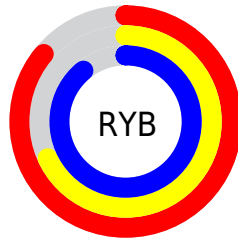
The Yxy color $50.9787, 0.3104, 0.2711$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.1424, 0.3138, 0.3927$, and the grayscale version is $53.6502, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0736, 0.3138, 0.3048$, and $24.5075, 0.3082, 0.2561$ is the 20% darker color. If you saturate the color by 10%, you get $42.5662, 0.3089, 0.2454$, and if you desaturate by 10%, it is $60.8708, 0.3116, 0.2968$.

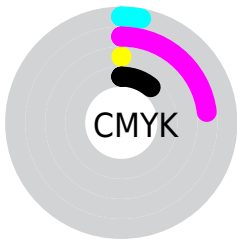
Distribution



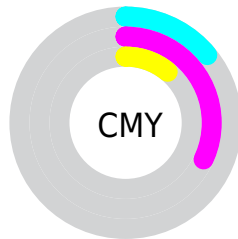
- Red (86%)
- Green (68%)
- Blue (89%)



- Red (86%)
- Yellow (68%)
- Blue (89%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9787, 0.3104, 0.2711 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 50.9787, 0.3104, 0.2711 by changing the saturation by 10% instead.


 50.9787, 0.3104,
0.2711

 50.9787, 0.3104,
0.2711


390.4810, 0.3120,
0.2983

 36.1917, 0.3099,
0.2648


 91.6233, 0.3111,
0.2806

 24.5823, 0.3091,
0.2570


118.2496, 0.3113,
0.2843

 15.7661, 0.3081,
0.2471


149.5912, 0.3115,
0.2874

 9.3588, 0.3064,
0.2341


186.0323, 0.3117,
0.2902

 4.9759, 0.3037,
0.2162

227.9575, 0.3118,
0.2926

 2.2332, 0.2988,
0.1906

275.7511, 0.3119,

 0.7380, 0.2890,

0.2947

0.1497

329.7975, 0.3120,
0.2966

0.0000, 0.2188,
0.0000

0.0000, 0.0000,
0.0000

50.9787, 0.3104,
0.2711

50.9787, 0.3104,
0.2711

42.5662, 0.3089,
0.2454

60.8708, 0.3116,
0.2968

35.5531, 0.3070,
0.2205

72.3043, 0.3125,
0.3218

29.8620, 0.3048,
0.1975

85.3453, 0.3131,
0.3455

25.4049, 0.3023,
0.1773

93.9018, 0.3141,
0.3586

■ 22.0833, 0.2995,
0.1609

■ 94.3382, 0.3157,
0.3584

■ 19.7836, 0.2966,
0.1489

■ 94.7811, 0.3174,
0.3583

■ 18.3684, 0.2937,
0.1413

■ 95.2306, 0.3190,
0.3581

■ 17.7493, 0.2916,
0.1380

■ 95.6866, 0.3207,
0.3580

■ 96.1492, 0.3223,
0.3578

Harmonies

Analogous

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



50.9787, 0.2696, 0.2590



50.9787, 0.3104, 0.2711



50.9787, 0.3547, 0.2962

Triad

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



50.9787, 0.3104, 0.2711



50.9787, 0.3867, 0.3940



50.9787, 0.2419, 0.3213

Complementary

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



50.9787, 0.3104, 0.2711



67.1424, 0.3138, 0.3927

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.



50.9787, 0.2697, 0.3645



50.9787, 0.3104, 0.2711



50.9787, 0.3531, 0.4080

Square

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



50.9787, 0.3104, 0.2711



50.9787, 0.4003, 0.3645



50.9787, 0.3102, 0.3980



50.9787, 0.2322, 0.2844

Rectangle

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



50.9787, 0.3104, 0.2711



50.9787, 0.3793, 0.3177



50.9787, 0.3102, 0.3980



50.9787, 0.2493, 0.3357

Sweetspot

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



50.9809, 0.3104, 0.2711



88.7461, 0.3122, 0.3118



47.1665, 0.2743, 0.2723



18.7981, 0.3121, 0.3102



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.



50.9809, 0.3104, 0.2711



61.0633, 0.3096, 0.2577



50.9041, 0.3317, 0.2929



13.8510, 0.3120, 0.3058



10.1620, 0.2920, 0.1382



0.7275, 0.2968, 0.1408

Inverse Universe

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



49.7414, 0.3545, 0.3222



59.1743, 0.3673, 0.3206



67.2725, 0.2975, 0.3681



13.7262, 0.3274, 0.3263



9.2760, 0.6254, 0.3219



0.6516, 0.5933, 0.3042

Previews

White Background



This preview shows how the Yxy color 50.9787, 0.3104, 0.2711 looks on a white background.

Color Contrast Check

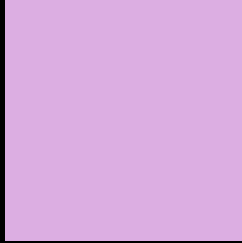
Large Text (above 18pt) WCAG AA × Fail

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 50.9787, 0.3104, 0.2711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

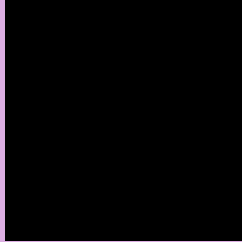
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9787, 0.3104, 0.2711

Background



This preview shows how black text looks on a background with the Yxy color 50.9787, 0.3104, 0.2711.



This preview shows how white text looks on a background with the Yxy color 50.9787, 0.3104, 0.2711.

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

50.9787, 0.3104, 0.2711

Protanopia

51.4296, 0.2722, 0.2727

Deuteranopia

51.1561, 0.2888, 0.2825



Tritanopia

50.9846, 0.3316, 0.3126

Trichromacy



Original Color

50.9787, 0.3104, 0.2711

Protanomaly

51.0306, 0.2847, 0.2716

Deuteranomaly

51.0405, 0.2965, 0.2778

Tritanomaly

51.0487, 0.3236, 0.2967

Monochromacy



Original Color

50.9787, 0.3104, 0.2711

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.6934, 0.3113, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9787, 0.3104, 0.2711 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(220, 174, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 174, 226)  
}
```

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(220, 174, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 174, 226) }
```

Border

The CSS property to change the border of an element to Yxy 50.9787, 0.3104, 0.2711 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(220, 174, 226) }
```

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

```
.border{ border-color:rgb(220, 174, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 174, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 174, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 174, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 174,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9787, 0.3104, 0.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 174, 226) }
```

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

```
.background{ background-color: rgb(220,  
174, 226) }
```

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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