

Converting Colors

$Y_{xy}(40.5950, 0.3175, 0.2816)$

Have a look what the booklet for
Yxy(40.5950, 0.3175, 0.2816)
contains.

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Color

Yxy(40.5814, 0.3177, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	C79EC4
RGB	199, 158, 196
RGB Percent	78%, 62%, 77%
CMY	0.2198, 0.3803, 0.2314
CMYK	0.00, 0.21, 0.01, 0.22
HSL	304°, 27%, 70%
HSV	304°, 21%, 78%
XYZ	45.7351, 40.5814, 57.6403
YIQ	174.5910, 12.2380, 20.5100

Conversions

Conversions Part 2

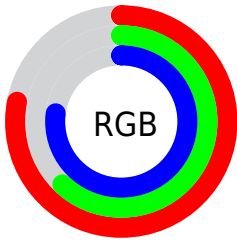
Format	Color
R _Y B	199, 158, 196
Decimal	13082308
CIE Lab	69.88, 21.63, -13.72
CIE LCh	70, 25.612, 327.615
Yxy	40.5814, 0.3177, 0.2819
Android (android.graphics.Color)	4291272388 (0xFFC79EC4)
YUV	174.5910, 10.5546, 21.4067
Hunter-Lab	63.7035, 16.6704, -9.0543

Details

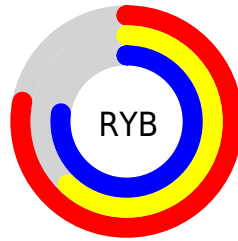
The Yxy color **40.5814, 0.3177, 0.2819** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.6736, 0.3080, 0.3811**, and the grayscale version is **42.5868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9403, 0.3160, 0.2899**, and **18.2808, 0.3195, 0.2690** is the 20% darker color. If you saturate the color by 10%, you get **34.2696, 0.3205, 0.2587**, and if you desaturate by 10%, it is **47.9963, 0.3151, 0.3051**.

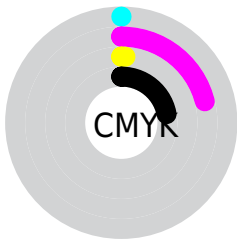
Distribution



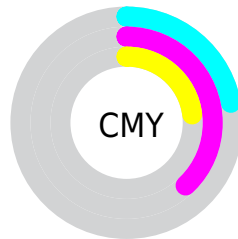
- Red (78%)
- Green (62%)
- Blue (77%)



- Red (78%)
- Yellow (62%)
- Blue (77%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5814, 0.3177, 0.2819 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 40.5814, 0.3177, 0.2819 by changing the saturation by 10% instead.


 40.5814, 0.3177,
0.2819

 40.5814, 0.3177,
0.2819


348.5680, 0.3155,
0.3051

 27.9921, 0.3181,
0.2762


 76.0480, 0.3170,
0.2902

 18.3197, 0.3187,
0.2690


 99.6942, 0.3167,
0.2934

 11.1798, 0.3192,
0.2595


127.7948, 0.3164,
0.2961

 6.1879, 0.3199,
0.2465

160.7342, 0.3162,
0.2984

 2.9597, 0.3204,
0.2276

198.8969, 0.3160,
0.3004

 1.1107, 0.3202,
0.1980

242.6671, 0.3158,


 0.0000, 0.3530,


0.3022


0.0000

292.4294, 0.3157,
0.3037

 0.0000, 0.0000,
0.0000


 40.5814, 0.3177,
0.2819


 40.5814, 0.3177,
0.2819


 34.2696, 0.3205,
0.2587


 47.9963, 0.3151,
0.3051


 29.0027, 0.3234,
0.2364


 56.5581, 0.3128,
0.3277


 24.7254, 0.3265,
0.2157

 66.3149, 0.3108,
0.3493

 21.3750, 0.3295,
0.1978

 77.3104, 0.3090,
0.3696

 18.8819, 0.3325,
0.1834

 87.9788, 0.3075,
0.3859

■ 17.1664, 0.3354,
0.1731

■ 88.0481, 0.3067,
0.3842

■ 16.1342, 0.3379,
0.1671

■ 88.1180, 0.3059,
0.3826

■ 15.6193, 0.3401,
0.1647

■ 88.1886, 0.3051,
0.3809

■ 88.2598, 0.3043,
0.3793

Harmonies

Analogous

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



40.5814, 0.2813, 0.2692



40.5814, 0.3177, 0.2819



40.5814, 0.3548, 0.3054

Triad

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



40.5814, 0.3177, 0.2819



40.5814, 0.3723, 0.3884



40.5814, 0.2489, 0.3166

Complementary

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



40.5814, 0.3177, 0.2819



50.6736, 0.3080, 0.3811

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.



40.5814, 0.2707, 0.3531



40.5814, 0.3177, 0.2819



40.5814, 0.3416, 0.3964

Square

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



40.5814, 0.3177, 0.2819



40.5814, 0.3872, 0.3652



40.5814, 0.3044, 0.3836



40.5814, 0.2433, 0.2867

Rectangle

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



40.5814, 0.3177, 0.2819



40.5814, 0.3740, 0.3249



40.5814, 0.3044, 0.3836



40.5814, 0.2545, 0.3286

Sweetspot

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



40.5832, 0.3177, 0.2819



90.5523, 0.3141, 0.3154



36.1343, 0.2810, 0.2730



19.1717, 0.3142, 0.3139



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.



40.5832, 0.3177, 0.2819



65.5562, 0.3190, 0.2708



39.7233, 0.3362, 0.3064



10.8028, 0.3149, 0.3079



10.0535, 0.3398, 0.1646



0.4801, 0.3355, 0.1622

Inverse Universe

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



40.5832, 0.3177, 0.2819



65.5562, 0.3190, 0.2708



51.4458, 0.2941, 0.3528



10.8028, 0.3149, 0.3079



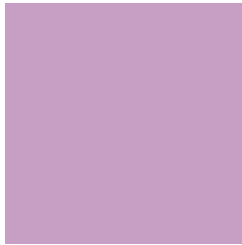
10.0535, 0.3398, 0.1646



0.4801, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 40.5814, 0.3177, 0.2819 looks on a white background.

Color Contrast Check

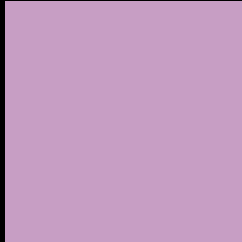
Large Text (above 18pt) WCAG AA × Fail

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 40.5814, 0.3177, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

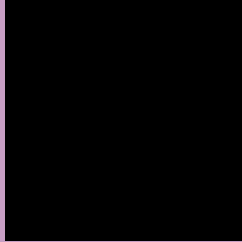
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5814, 0.3177, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 40.5814, 0.3177, 0.2819.



This preview shows how white text looks on a background with the Yxy color 40.5814, 0.3177, 0.2819.

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

40.5814, 0.3177, 0.2819

Protanopia

40.6281, 0.2808, 0.2824

Deuteranopia

40.8796, 0.2993, 0.2935



Tritanopia

40.6324, 0.3344, 0.3136

Trichromacy



Original Color

40.5814, 0.3177, 0.2819

Protanomaly

40.4744, 0.2937, 0.2821

Deuteranomaly

40.8053, 0.3055, 0.2890

Tritanomaly

40.7375, 0.3281, 0.3023

Monochromacy



Original Color

40.5814, 0.3177, 0.2819

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9852, 0.3145, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5814, 0.3177, 0.2819 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(199, 158, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 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(199, 158, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 196) }
```

Border

The CSS property to change the border of an element to Yxy 40.5814, 0.3177, 0.2819 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(199, 158, 196) }
```

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

```
.border{ border-color:rgb(199, 158, 196) }
```

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

Here you see how a box with a 4 pixel rgb(199, 158, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5814, 0.3177, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 196) }
```

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

```
.background{ background-color: rgb(199,  
158, 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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