

Converting Colors

Yxy(57.7826, 0.3197, 0.3164)

Have a look what the booklet for
Yxy(57.7826, 0.3197, 0.3164)
contains.

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Color

Yxy(57.7826, 0.3197, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	D6C3CE
RGB	214, 195, 206
RGB Percent	84%, 76%, 81%
CMY	0.1608, 0.2353, 0.1922
CMYK	0.00, 0.09, 0.04, 0.16
HSL	325°, 19%, 80%
HSV	325°, 9%, 84%
XYZ	58.3853, 57.7826, 66.4573
YIQ	201.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

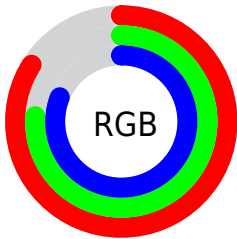
Format	Color
R _Y B	214, 195, 206
Decimal	14074830
CIE Lab	80.62, 8.58, -3.07
CIE LCh	81, 9.112, 340.316
Yxy	57.7826, 0.3197, 0.3164
Android (android.graphics.Color)	4292264910 (0xFFD6C3CE)
YUV	201.9350, 2.0040, 10.5810
Hunter-Lab	76.0149, 4.0757, 1.3751

Details

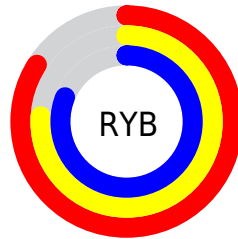
The Yxy color `57.7826, 0.3197, 0.3164` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `64.0091, 0.3063, 0.3419`, and the grayscale version is `59.0045, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.1008, 0.3128, 0.3261`, and `28.6877, 0.3210, 0.3123` is the 20% darker color. If you saturate the color by 10%, you get `48.4458, 0.3290, 0.3015`, and if you desaturate by 10%, it is `68.5240, 0.3119, 0.3305`.

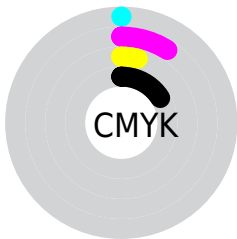
Distribution



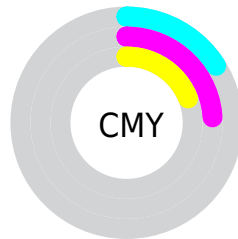
- Red (84%)
- Green (76%)
- Blue (81%)



- Red (84%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (16%)




- Cyan (16%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7826, 0.3197, 0.3164 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 57.7826, 0.3197, 0.3164 by changing the saturation by 10% instead.


 57.7826, 0.3197,
0.3164

 57.7826, 0.3197,
0.3164

416.3754, 0.3164,
0.3224

 41.6339, 0.3205,
0.3150

 101.6062, 0.3185,
0.3185

 28.8147, 0.3215,
0.3132


130.0499, 0.3181,
0.3193

 18.9407, 0.3228,
0.3109

163.3607, 0.3177,
0.3200

 11.6274, 0.3245,
0.3078

201.9230, 0.3173,
0.3206

 6.4905, 0.3269,
0.3034

246.1213, 0.3171,
0.3212

 3.1456, 0.3306,
0.2968

296.3398, 0.3168,

 1.2082, 0.3369,

0.3216

0.2855

352.9630, 0.3166,
0.3221

0.0684, 0.4343,
0.1082

0.0000, 0.0000,
0.0000

57.7826, 0.3197,
0.3164

57.7826, 0.3197,
0.3164

48.4458, 0.3290,
0.3015

68.5240, 0.3119,
0.3305

40.4474, 0.3401,
0.2862

80.7176, 0.3054,
0.3438

33.7272, 0.3531,
0.2710

91.7039, 0.3001,
0.3518

28.2173, 0.3681,
0.2566

92.2337, 0.2952,
0.3423

■ 23.8438, 0.3851,
0.2440

■ 92.7903, 0.2903,
0.3329

■ 20.5241, 0.4037,
0.2343

■ 93.0361, 0.2883,
0.3289

■ 18.1646, 0.4234,
0.2288

■ 16.6551, 0.4432,
0.2283

■ 15.8212, 0.4626,
0.2328

Harmonies

Analogous

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



57.7826, 0.3077, 0.3103



57.7826, 0.3197, 0.3164



57.7826, 0.3300, 0.3257

Triad

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



57.7826, 0.3197, 0.3164



57.7826, 0.3282, 0.3494



57.7826, 0.2904, 0.3213

Complementary

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



57.7826, 0.3197, 0.3164



64.0091, 0.3063, 0.3419

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.



57.7826, 0.2957, 0.3321



57.7826, 0.3197, 0.3164



57.7826, 0.3174, 0.3486

Square

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



57.7826, 0.3197, 0.3164



57.7826, 0.3350, 0.3447



57.7826, 0.3055, 0.3422



57.7826, 0.2909, 0.3129

Rectangle

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



57.7826, 0.3197, 0.3164



57.7826, 0.3344, 0.3326



57.7826, 0.3055, 0.3422



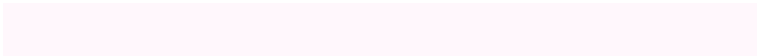
57.7826, 0.2915, 0.3248

Sweetspot

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



57.7851, 0.3197, 0.3164



95.0096, 0.3150, 0.3248



56.5740, 0.3051, 0.3068



20.0576, 0.3156, 0.3236



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.



57.7851, 0.3197, 0.3164



82.6516, 0.3216, 0.3131



57.3421, 0.3268, 0.3272



12.5399, 0.3202, 0.3156



9.5370, 0.4621, 0.2319



0.5916, 0.4312, 0.2149

Inverse Universe

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



57.7851, 0.3197, 0.3164



82.6516, 0.3216, 0.3131



64.4707, 0.3001, 0.3308



12.5399, 0.3202, 0.3156



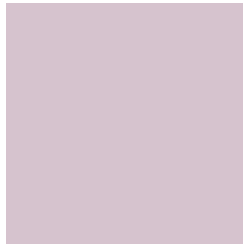
9.5370, 0.4621, 0.2319



0.5916, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 57.7826, 0.3197, 0.3164 looks on a white background.

Color Contrast Check

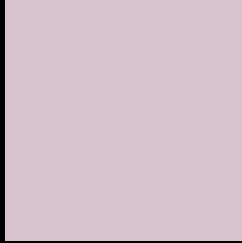
Large Text (above 18pt) WCAG AA × Fail

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 57.7826, 0.3197, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

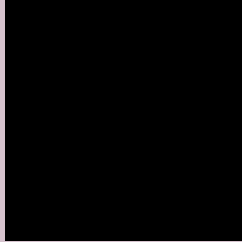
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7826, 0.3197, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 57.7826, 0.3197, 0.3164.



This preview shows how white text looks on a background with the Yxy color 57.7826, 0.3197, 0.3164.

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

57.7826, 0.3197, 0.3164

Protanopia

57.8184, 0.3078, 0.3184

Deuteranopia

57.7915, 0.3222, 0.3153



Tritanopia

57.6838, 0.3176, 0.3107

Trichromacy



Original Color

57.7826, 0.3197, 0.3164

Protanomaly

58.0150, 0.3124, 0.3185

Deuteranomaly

57.6387, 0.3214, 0.3153

Tritanomaly

57.6341, 0.3183, 0.3119

Monochromacy



Original Color

57.7826, 0.3197, 0.3164

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2805, 0.3153, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7826, 0.3197, 0.3164 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(214, 195, 206) looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 206)  
}
```

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(214, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 206) }
```

Border

The CSS property to change the border of an element to Yxy 57.7826, 0.3197, 0.3164 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(214, 195, 206) }
```

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

```
.border{ border-color:rgb(214, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7826, 0.3197, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 206) }
```

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

```
.background{ background-color: rgb(214,  
195, 206) }
```

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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