

Converting Colors

Yxy(62.8881, 0.3194, 0.3179)

Have a look what the booklet for
Yxy(62.8881, 0.3194, 0.3179)
contains.

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Color

Yxy(62.8881, 0.3194, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	DDCBD5
RGB	221, 203, 213
RGB Percent	87%, 80%, 84%
CMY	0.1333, 0.2039, 0.1648
CMYK	0.00, 0.08, 0.04, 0.13
HSL	327°, 21%, 83%
HSV	327°, 8%, 87%
XYZ	63.1848, 62.8881, 71.7506
YIQ	209.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

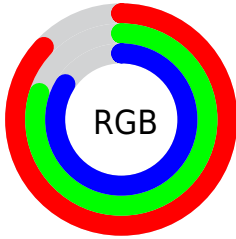
Format	Color
R _Y B	221, 203, 213
Decimal	14535637
CIE Lab	83.38, 8.00, -2.69
CIE LCh	83, 8.440, 341.412
Yxy	62.8881, 0.3194, 0.3179
Android (android.graphics.Color)	4292725717 (0xFFDDCBD5)
YUV	209.5220, 1.7147, 10.0662
Hunter-Lab	79.3020, 3.4435, 1.8672

Details

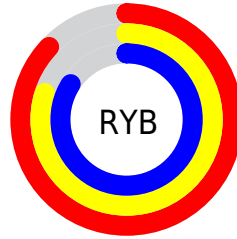
The Yxy color **62.8881, 0.3194, 0.3179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1178, 0.3065, 0.3404**, and the grayscale version is **64.1057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0705, 0.3215, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **52.7007, 0.3291, 0.3036**, and if you desaturate by 10%, it is **74.5993, 0.3113, 0.3314**.

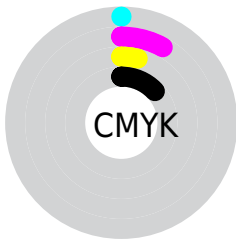
Distribution



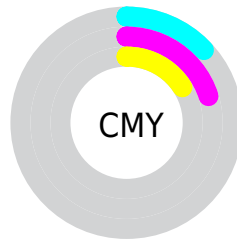
- Red (87%)
- Green (80%)
- Blue (84%)



- Red (87%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8881, 0.3194, 0.3179 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 62.8881, 0.3194, 0.3179 by changing the saturation by 10% instead.

■ 62.8881, 0.3194,
0.3179

■ 62.8881, 0.3194,
0.3179

435.1633, 0.3163,
0.3231

■ 45.7507, 0.3201,
0.3167

109.0081, 0.3183,
0.3197

■ 32.0491, 0.3211,
0.3152

138.7594, 0.3179,
0.3204

■ 21.3990, 0.3222,
0.3132

173.4842, 0.3175,
0.3211

■ 13.4160, 0.3238,
0.3106

213.5668, 0.3172,
0.3216

■ 7.7156, 0.3260,
0.3070

259.3916, 0.3169,
0.3220

■ 3.9135, 0.3292,
0.3017

311.3430, 0.3167,

■ 1.6253, 0.3346,

0.3225

0.2929

369.8054, 0.3164,
0.3228

0.3746, 0.3623,
0.2461

0.0000, 0.0000,
0.0000

62.8881, 0.3194,
0.3179

62.8881, 0.3194,
0.3179

52.7007, 0.3291,
0.3036

74.5993, 0.3113,
0.3314

43.9656, 0.3407,
0.2889

87.8855, 0.3046,
0.3441

36.6181, 0.3543,
0.2742

93.3353, 0.2991,
0.3417

30.5850, 0.3701,
0.2602

93.9445, 0.2937,
0.3316

■ 25.7867, 0.3881,
0.2479

■ 94.1132, 0.2923,
0.3289

■ 22.1344, 0.4079,
0.2385

■ 19.5278, 0.4290,
0.2332

■ 17.8487, 0.4504,
0.2329

■ 16.9274, 0.4712,
0.2379

Harmonies

Analogous

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



62.8881, 0.3086, 0.3123



62.8881, 0.3194, 0.3179



62.8881, 0.3285, 0.3264

Triad

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



62.8881, 0.3194, 0.3179



62.8881, 0.3264, 0.3475



62.8881, 0.2925, 0.3218

Complementary

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



62.8881, 0.3194, 0.3179



69.1178, 0.3065, 0.3404

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.



62.8881, 0.2971, 0.3314



62.8881, 0.3194, 0.3179



62.8881, 0.3166, 0.3465

Square

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



62.8881, 0.3194, 0.3179



62.8881, 0.3326, 0.3434



62.8881, 0.3059, 0.3405



62.8881, 0.2932, 0.3143

Rectangle

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



62.8881, 0.3194, 0.3179



62.8881, 0.3324, 0.3326



62.8881, 0.3059, 0.3405



62.8881, 0.2935, 0.3249

Sweetspot

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



62.8908, 0.3194, 0.3179



96.6436, 0.3143, 0.3263



61.7551, 0.3060, 0.3087



20.7209, 0.3142, 0.3264



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.



62.8908, 0.3194, 0.3179



84.0857, 0.3211, 0.3152



62.4568, 0.3258, 0.3277



13.1718, 0.3205, 0.3161



9.7775, 0.4720, 0.2374



0.6507, 0.4407, 0.2201

Inverse Universe

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



62.8908, 0.3194, 0.3179



84.0857, 0.3211, 0.3152



69.5706, 0.3009, 0.3303



13.1718, 0.3205, 0.3161



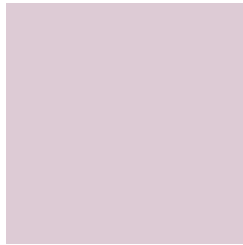
9.7775, 0.4720, 0.2374



0.6507, 0.4407, 0.2201

Previews

White Background



This preview shows how the Yxy color 62.8881, 0.3194, 0.3179 looks on a white background.

Color Contrast Check

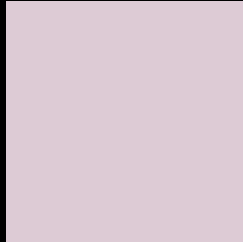
Large Text (above 18pt) WCAG AA × Fail

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 62.8881, 0.3194, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

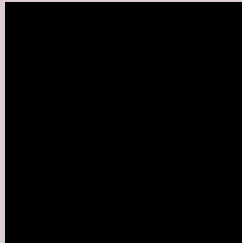
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

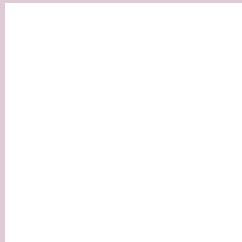
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8881, 0.3194, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 62.8881, 0.3194, 0.3179.



This preview shows how white text looks on a background with the Yxy color 62.8881, 0.3194, 0.3179.

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

62.8881, 0.3194, 0.3179

Protanopia

63.0873, 0.3087, 0.3199

Deuteranopia

62.5849, 0.3227, 0.3158



Tritanopia

62.8326, 0.3166, 0.3113

Trichromacy



Original Color

62.8881, 0.3194, 0.3179

Protanomaly

63.1438, 0.3124, 0.3200

Deuteranomaly

62.8924, 0.3218, 0.3169

Tritanomaly

62.7285, 0.3181, 0.3135

Monochromacy



Original Color

62.8881, 0.3194, 0.3179

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6249, 0.3152, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8881, 0.3194, 0.3179 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(221, 203, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 213)  
}
```

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(221, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.8881, 0.3194, 0.3179 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(221, 203, 213) }
```

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

```
.border{ border-color:rgb(221, 203, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8881, 0.3194, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 213) }
```

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

```
.background{ background-color: rgb(221,  
203, 213) }
```

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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