

Converting Colors

$Y_{xy}(62.5175, 0.3174, 0.3168)$

Have a look what the booklet for
Yxy(62.5175, 0.3174, 0.3168)
contains.

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Color

Yxy(62.6270, 0.3171, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	DBCBD6
RGB	219, 203, 214
RGB Percent	86%, 80%, 84%
CMY	0.1412, 0.2039, 0.1607
CMYK	0.00, 0.07, 0.02, 0.14
HSL	319°, 18%, 83%
HSV	319°, 7%, 86%
XYZ	62.7061, 62.6270, 72.4156
YIQ	209.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

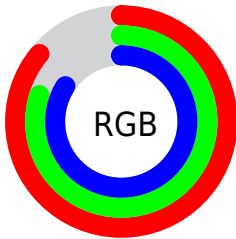
Format	Color
RYB	219, 203, 214
Decimal	14404566
CIELab	83.25, 7.49, -3.46
CIElCh	83, 8.251, 335.177
Yxy	62.6270, 0.3171, 0.3167
Android (android.graphics.Color)	4292594646 (0xFFDBCBD6)
YUV	209.0380, 2.4463, 8.7367
Hunter-Lab	79.1372, 2.9482, 1.1420

Details

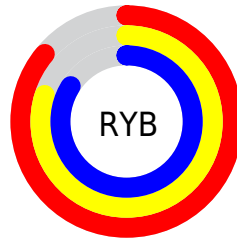
The Yxy color $62.6270, 0.3171, 0.3167$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.9070, 0.3086, 0.3416$, and the grayscale version is $63.7687, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8906, 0.3185, 0.3143$ is the 20% darker color. If you saturate the color by 10%, you get $52.6658, 0.3240, 0.2992$, and if you desaturate by 10%, it is $74.0691, 0.3112, 0.3334$.

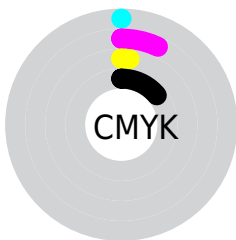
Distribution



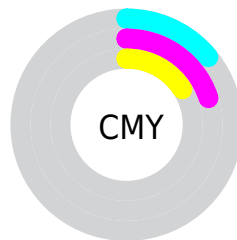
- Red (86%)
- Green (80%)
- Blue (84%)



- Red (86%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6270, 0.3171, 0.3167 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 62.6270, 0.3171, 0.3167 by changing the saturation by 10% instead.

■ 62.6270, 0.3171,
0.3167

■ 62.6270, 0.3171,
0.3167

434.2145, 0.3150,
0.3225

■ 45.5395, 0.3176,
0.3153

108.6312, 0.3164,
0.3187

■ 31.8826, 0.3182,
0.3137

138.3167, 0.3161,
0.3195

■ 21.2718, 0.3189,
0.3115

172.9704, 0.3159,
0.3202

■ 13.3229, 0.3199,
0.3086

212.9766, 0.3157,
0.3208

■ 7.6512, 0.3213,
0.3047

258.7197, 0.3155,
0.3213

■ 3.8726, 0.3234,
0.2988

310.5841, 0.3153,

■ 1.6026, 0.3267,

0.3217

0.2891

368.9543, 0.3152,
0.3221

0.3593, 0.3456,
0.2369

0.0000, 0.0000,
0.0000

62.6270, 0.3171,
0.3167

62.6270, 0.3171,
0.3167

52.6658, 0.3240,
0.2992

74.0691, 0.3112,
0.3334

44.1161, 0.3322,
0.2812

87.0415, 0.3063,
0.3491

36.9155, 0.3416,
0.2633

92.5438, 0.3023,
0.3502

30.9933, 0.3522,
0.2462

92.9435, 0.2986,
0.3431

■ 26.2726, 0.3640,
0.2310

■ 93.3583, 0.2949,
0.3360

■ 22.6679, 0.3768,
0.2186

■ 93.7885, 0.2912,
0.3291

■ 20.0827, 0.3901,
0.2103

■ 93.7982, 0.2911,
0.3289

■ 18.4036, 0.4034,
0.2066

■ 17.4793, 0.4165,
0.2079

Harmonies

Analogous

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



62.6270, 0.3065, 0.3120



62.6270, 0.3171, 0.3167



62.6270, 0.3266, 0.3246

Triad

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



62.6270, 0.3171, 0.3167



62.6270, 0.3277, 0.3466



62.6270, 0.2934, 0.3238

Complementary

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



62.6270, 0.3171, 0.3167



67.9070, 0.3086, 0.3416

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.



62.6270, 0.2989, 0.3334



62.6270, 0.3171, 0.3167



62.6270, 0.3187, 0.3467

Square

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



62.6270, 0.3171, 0.3167



62.6270, 0.3328, 0.3418



62.6270, 0.3081, 0.3418



62.6270, 0.2930, 0.3159

Rectangle

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



62.6270, 0.3171, 0.3167



62.6270, 0.3310, 0.3307



62.6270, 0.3081, 0.3418



62.6270, 0.2947, 0.3269

Sweetspot

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



62.6297, 0.3171, 0.3167



96.6874, 0.3139, 0.3257



61.2103, 0.3051, 0.3108



20.7298, 0.3138, 0.3258



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.



62.6297, 0.3171, 0.3167



85.7705, 0.3183, 0.3136



62.2397, 0.3228, 0.3254



13.2024, 0.3185, 0.3130



10.2743, 0.4181, 0.2077



0.6808, 0.3984, 0.1969

Inverse Universe

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



62.6297, 0.3171, 0.3167



85.7705, 0.3183, 0.3136



68.3014, 0.3035, 0.3326



13.2024, 0.3185, 0.3130



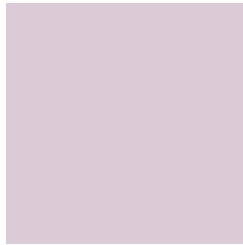
10.2743, 0.4181, 0.2077



0.6808, 0.3984, 0.1969

Previews

White Background



This preview shows how the Yxy color 62.6270, 0.3171, 0.3167 looks on a white background.

Color Contrast Check

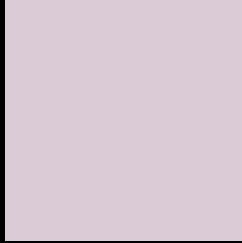
Large Text (above 18pt) WCAG AA × Fail

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 62.6270, 0.3171, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

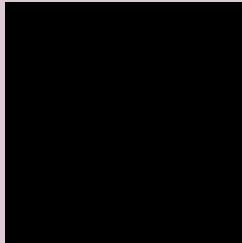
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

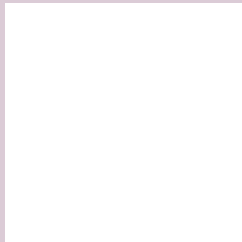
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6270, 0.3171, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 62.6270, 0.3171, 0.3167.



This preview shows how white text looks on a background with the Yxy color 62.6270, 0.3171, 0.3167.

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

62.6270, 0.3171, 0.3167

Protanopia

62.6558, 0.3080, 0.3176

Deuteranopia

62.4756, 0.3211, 0.3146



Tritanopia

62.5187, 0.3151, 0.3112

Trichromacy



Original Color

62.6270, 0.3171, 0.3167

Protanomaly

62.7151, 0.3117, 0.3177

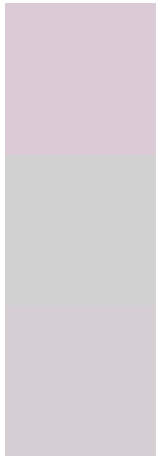
Deuteranomaly

62.6257, 0.3195, 0.3157

Tritanomaly

62.4665, 0.3158, 0.3123

Monochromacy



Original Color

62.6270, 0.3171, 0.3167

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4749, 0.3144, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6270, 0.3171, 0.3167 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(219, 203, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 214)  
}
```

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(219, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 214) }
```

Border

The CSS property to change the border of an element to Yxy 62.6270, 0.3171, 0.3167 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(219, 203, 214) }
```

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

```
.border{ border-color:rgb(219, 203, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6270, 0.3171, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 214) }
```

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

```
.background{ background-color: rgb(219,  
203, 214) }
```

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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