

Converting Colors

$Yxy(62.5865, 0.3069, 0.3174)$

Have a look what the booklet for
Yxy(62.5865, 0.3069, 0.3174)
contains.

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Color

Yxy(62.5104, 0.3073, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	D0CED8
RGB	208, 206, 216
RGB Percent	82%, 81%, 85%
CMY	0.1842, 0.1922, 0.1530
CMYK	0.04, 0.05, 0.00, 0.15
HSL	252°, 11%, 83%
HSV	252°, 5%, 85%
XYZ	60.4831, 62.5104, 73.8276
YIQ	207.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

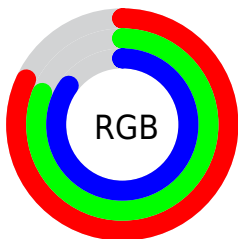
Format	Color
R _Y B	208, 206, 216
Decimal	13684440
CIE Lab	83.18, 2.55, -4.70
CIE LCh	83, 5.344, 298.481
Yxy	62.5104, 0.3073, 0.3176
Android (android.graphics.Color)	4291874520 (0xFFD0CED8)
YUV	207.7380, 4.0732, 0.2298
Hunter-Lab	79.0635, -1.8097, -0.0191

Details

The Yxy color **62.5104, 0.3073, 0.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8434, 0.3180, 0.3403**, and the grayscale version is **62.8759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8997, 0.3064, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **50.4608, 0.2943, 0.2908**, and if you desaturate by 10%, it is **76.2641, 0.3186, 0.3415**.

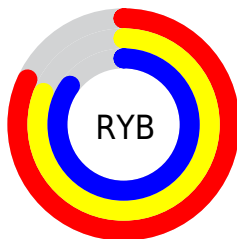
Distribution



Red (82%)

Green (81%)

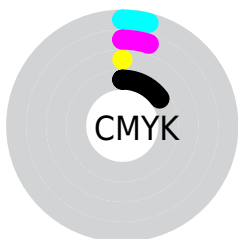
Blue (85%)



Red (82%)

Yellow (81%)

Blue (85%)

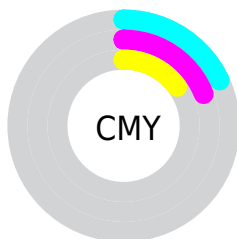


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (18%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5104, 0.3073, 0.3176 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 62.5104, 0.3073, 0.3176 by changing the saturation by 10% instead.

■ 62.5104, 0.3073,
0.3176

■ 62.5104, 0.3073,
0.3176

433.7904, 0.3099,
0.3230

■ 45.4452, 0.3067,
0.3163

108.4629, 0.3082,
0.3195

■ 31.8083, 0.3059,
0.3148

138.1190, 0.3086,
0.3202

■ 21.2151, 0.3049,
0.3127

172.7408, 0.3089,
0.3209

■ 13.2813, 0.3036,
0.3100

212.7128, 0.3091,
0.3214

■ 7.6226, 0.3017,
0.3063

258.4194, 0.3094,
0.3219

■ 3.8544, 0.2989,
0.3006

310.2449, 0.3096,

■ 1.5924, 0.2941,

0.3223

0.2913

368.5738, 0.3097,
0.3227

0.3525, 0.2717,
0.2411

0.0000, 0.0000,
0.0000

62.5104, 0.3073,
0.3176

62.5104, 0.3073,
0.3176

50.4608, 0.2943,
0.2908

76.2641, 0.3186,
0.3415

40.0409, 0.2794,
0.2612

91.7767, 0.3282,
0.3625

31.1824, 0.2628,
0.2293

97.7367, 0.3358,
0.3671

23.8093, 0.2448,
0.1959

■ 17.8390, 0.2260,
0.1626

■ 13.1808, 0.2074,
0.1313

■ 9.7331, 0.1901,
0.1042

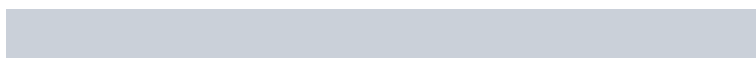
■ 7.3790, 0.1753,
0.0834

■ 5.9772, 0.1641,
0.0700

Harmonies

Analogous

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



62.5104, 0.3020, 0.3181



62.5104, 0.3073, 0.3176



62.5104, 0.3141, 0.3201

Triad

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



62.5104, 0.3073, 0.3176



62.5104, 0.3260, 0.3363



62.5104, 0.3050, 0.3332

Complementary

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



62.5104, 0.3073, 0.3176



67.8434, 0.3180, 0.3403

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.



62.5104, 0.3113, 0.3382



62.5104, 0.3073, 0.3176



62.5104, 0.3235, 0.3400

Square

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



62.5104, 0.3073, 0.3176



62.5104, 0.3249, 0.3308



62.5104, 0.3181, 0.3407



62.5104, 0.3007, 0.3270

Rectangle

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



62.5104, 0.3073, 0.3176



62.5104, 0.3185, 0.3231



62.5104, 0.3181, 0.3407



62.5104, 0.3069, 0.3351

Sweetspot

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



62.5131, 0.3073, 0.3176



98.0010, 0.3116, 0.3266



66.1620, 0.3056, 0.3267



20.9973, 0.3116, 0.3267



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.



62.5131, 0.3073, 0.3176



88.3873, 0.3055, 0.3139



63.2416, 0.3110, 0.3177



12.8765, 0.3049, 0.3126



3.2901, 0.1606, 0.0658



0.2341, 0.1772, 0.0750

Inverse Universe

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



63.5887, 0.3147, 0.3201



90.4240, 0.3153, 0.3173



67.1105, 0.3144, 0.3404



13.2020, 0.3156, 0.3162



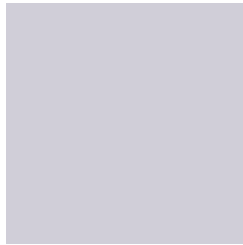
10.4172, 0.3801, 0.1867



0.6396, 0.3679, 0.1801

Previews

White Background



This preview shows how the Yxy color 62.5104, 0.3073, 0.3176 looks on a white background.

Color Contrast Check

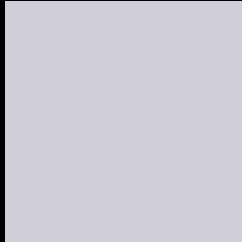
Large Text (above 18pt) WCAG AA × Fail

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 62.5104, 0.3073, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

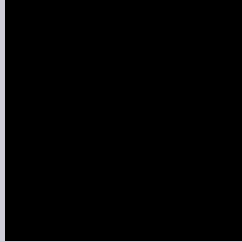
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

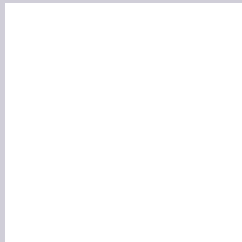
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5104, 0.3073, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 62.5104, 0.3073, 0.3176.

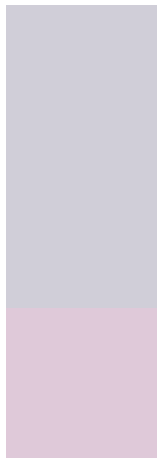


This preview shows how white text looks on a background with the Yxy color 62.5104, 0.3073, 0.3176.

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

62.5104, 0.3073, 0.3176

Protanopia

62.5104, 0.3073, 0.3176

Deuteranopia

62.4710, 0.3182, 0.3113



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.5104, 0.3073, 0.3176

Protanomaly

62.5104, 0.3073, 0.3176

Deuteranomaly

62.6271, 0.3142, 0.3134

Tritanomaly

62.3324, 0.3060, 0.3131

Monochromacy



Original Color

62.5104, 0.3073, 0.3176

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7387, 0.3107, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5104, 0.3073, 0.3176 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(208, 206, 216) looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 216)  
}
```

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(208, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.5104, 0.3073, 0.3176 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(208, 206, 216) }
```

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

```
.border{ border-color:rgb(208, 206, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5104, 0.3073, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 216) }
```

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

```
.background{ background-color: rgb(208,  
206, 216) }
```

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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