

Converting Colors

$Yxy(60.7603, 0.3176, 0.3282)$

Have a look what the booklet for
Yxy(60.7603, 0.3176, 0.3282)
contains.

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Color

Yxy(60.7731, 0.3174, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D2CBCC
RGB	210, 203, 204
RGB Percent	82%, 80%, 80%
CMY	0.1765, 0.2039, 0.2001
CMYK	0.00, 0.03, 0.03, 0.18
HSL	352°, 7%, 81%
HSV	352°, 3%, 82%
XYZ	58.8270, 60.7731, 65.7402
YIQ	205.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

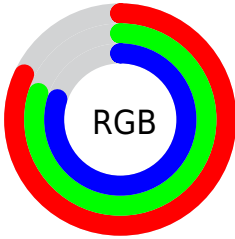
Format	Color
R _Y B	210, 203, 204
Decimal	13814732
CIE Lab	82.26, 2.58, 0.37
CIE LCh	82, 2.611, 8.123
Yxy	60.7731, 0.3174, 0.3279
Android (android.graphics.Color)	4292004812 (0xFFD2CBCC)
YUV	205.2070, -0.5951, 4.2035
Hunter-Lab	77.9571, -1.7275, 4.5715

Details

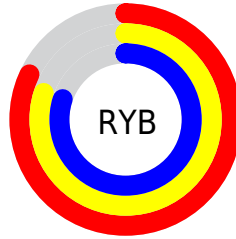
The Yxy color **60.7731, 0.3174, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3878, 0.3082, 0.3301**, and the grayscale version is **61.1902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.7648, 0.3190, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **50.7011, 0.3337, 0.3244**, and if you desaturate by 10%, it is **72.2946, 0.3042, 0.3311**.

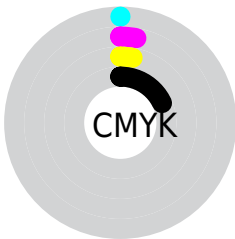
Distribution



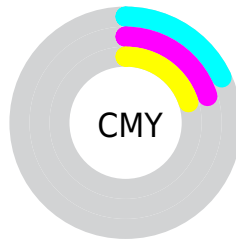
- Red (82%)
- Green (80%)
- Blue (80%)



- Red (82%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7731, 0.3174, 0.3279 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 60.7731, 0.3174, 0.3279 by changing the saturation by 10% instead.

■ 60.7731, 0.3174,
0.3279

■ 60.7731, 0.3174,
0.3279

427.4416, 0.3152,
0.3284

■ 44.0421, 0.3179,
0.3278

105.9503, 0.3166,
0.3281

■ 30.7036, 0.3186,
0.3276

135.1653, 0.3163,
0.3282

■ 20.3732, 0.3195,
0.3274

169.3105, 0.3160,
0.3282

■ 12.6666, 0.3206,
0.3271

208.7701, 0.3158,
0.3283

■ 7.1994, 0.3223,
0.3267

253.9286, 0.3156,
0.3283

■ 3.5871, 0.3248,
0.3261

305.1704, 0.3155,

■ 1.4454, 0.3290,

0.3284

362.8800, 0.3153,
0.3284

0.3250

0.2498, 0.3773,
0.3136

0.0000, 0.0000,
0.0000

60.7731, 0.3174,
0.3279

60.7731, 0.3174,
0.3279

50.7011, 0.3337,
0.3244

72.2946, 0.3042,
0.3311

42.0135, 0.3540,
0.3208

85.3116, 0.2936,
0.3341

34.6523, 0.3791,
0.3170

92.4392, 0.2860,
0.3289

28.5519, 0.4096,
0.3135

■ 23.6416, 0.4460,
0.3105

■ 19.8433, 0.4873,
0.3088

■ 17.0697, 0.5312,
0.3091

■ 15.2204, 0.5730,
0.3118

■ 14.1747, 0.6067,
0.3170

Harmonies

Analogous

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



60.7731, 0.3145, 0.3252



60.7731, 0.3174, 0.3279



60.7731, 0.3191, 0.3309

Triad

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



60.7731, 0.3174, 0.3279



60.7731, 0.3143, 0.3345



60.7731, 0.3065, 0.3247

Complementary

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



60.7731, 0.3174, 0.3279



63.3878, 0.3082, 0.3301

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.



60.7731, 0.3064, 0.3271



60.7731, 0.3174, 0.3279



60.7731, 0.3110, 0.3328

Square

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



60.7731, 0.3174, 0.3279



60.7731, 0.3173, 0.3347



60.7731, 0.3081, 0.3301



60.7731, 0.3082, 0.3234

Rectangle

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



60.7731, 0.3174, 0.3279



60.7731, 0.3192, 0.3326



60.7731, 0.3081, 0.3301



60.7731, 0.3063, 0.3254

Sweetspot

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



60.7757, 0.3174, 0.3279



98.2430, 0.3141, 0.3287



60.9166, 0.3123, 0.3210



21.0466, 0.3140, 0.3287



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.



60.7757, 0.3174, 0.3279



93.1105, 0.3185, 0.3277



61.8911, 0.3179, 0.3318



12.8819, 0.3195, 0.3274



8.4206, 0.6206, 0.3193



0.4797, 0.5779, 0.2957

Inverse Universe

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



60.7757, 0.3174, 0.3279



93.1105, 0.3185, 0.3277



62.2402, 0.3076, 0.3262



12.8819, 0.3195, 0.3274



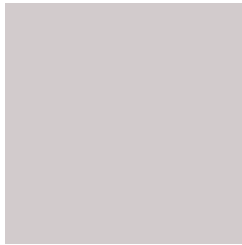
8.4206, 0.6206, 0.3193



0.4797, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 60.7731, 0.3174, 0.3279 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 60.7731, 0.3174, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

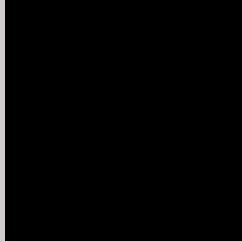
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

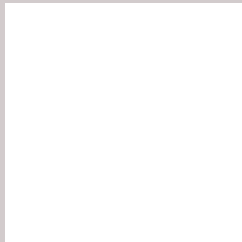
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7731, 0.3174, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 60.7731, 0.3174, 0.3279.

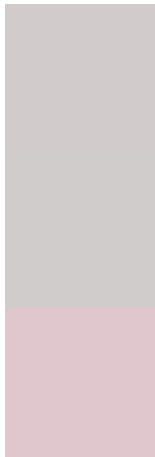


This preview shows how white text looks on a background with the Yxy color 60.7731, 0.3174, 0.3279.

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

60.7731, 0.3174, 0.3279

Protanopia

60.9553, 0.3158, 0.3290

Deuteranopia

60.6432, 0.3282, 0.3212



Tritanopia

60.7801, 0.3097, 0.3109

Trichromacy



Original Color

60.7731, 0.3174, 0.3279

Protanomaly

61.1007, 0.3166, 0.3290

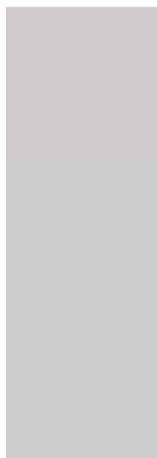
Deuteranomaly

60.7764, 0.3240, 0.3234

Tritanomaly

60.8434, 0.3125, 0.3176

Monochromacy



Original Color

60.7731, 0.3174, 0.3279

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8589, 0.3143, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7731, 0.3174, 0.3279 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(210, 203, 204) looks like.

```
.text, #text, p{  
    color:rgb(210, 203, 204)  
}
```

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(210, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 203, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.7731, 0.3174, 0.3279 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(210, 203, 204) }
```

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

```
.border{ border-color:rgb(210, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 203,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7731, 0.3174, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 203, 204) }
```

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

```
.background{ background-color: rgb(210,  
203, 204) }
```

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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