

Converting Colors

$Y_{xy}(61.7575, 0.3303, 0.3370)$

Have a look what the booklet for
Yxy(61.7575, 0.3303, 0.3370)
contains.

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Color

Yxy(61.7575, 0.3303, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	DBCBC4
RGB	219, 203, 196
RGB Percent	86%, 80%, 77%
CMY	0.1413, 0.2039, 0.2313
CMYK	0.00, 0.07, 0.10, 0.14
HSL	18°, 24%, 81%
HSV	18°, 10%, 86%
XYZ	60.5297, 61.7575, 60.9695
YIQ	206.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

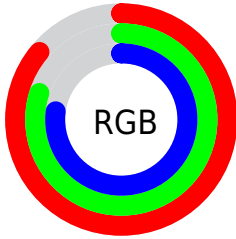
Format	Color
R _Y B	219, 206, 196
Decimal	14404548
CIE Lab	82.78, 4.38, 5.47
CIE LCh	83, 7.009, 51.305
Yxy	61.7575, 0.3303, 0.3370
Android (android.graphics.Color)	4292594628 (0xFFDBCBC4)
YUV	206.9860, -5.4161, 10.5363
Hunter-Lab	78.5859, -0.0384, 9.0111

Details

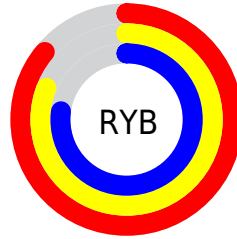
The Yxy color **61.7575, 0.3303, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9344, 0.2966, 0.3209**, and the grayscale version is **62.4179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **31.3404, 0.3352, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **53.9894, 0.3503, 0.3451**, and if you desaturate by 10%, it is **70.3835, 0.3135, 0.3294**.

Distribution



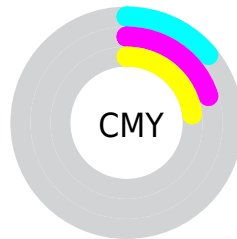
- Red (86%)
- Green (80%)
- Blue (77%)



- Red (86%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7575, 0.3303, 0.3370 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 61.7575, 0.3303, 0.3370 by changing the saturation by 10% instead.

■ 61.7575, 0.3303,
0.3370

■ 61.7575, 0.3303,
0.3370

431.0460, 0.3219,
0.3332

■ 44.8368, 0.3323,
0.3379

107.3750, 0.3273,
0.3357

■ 31.3289, 0.3348,
0.3390

136.8405, 0.3262,
0.3352

■ 20.8494, 0.3380,
0.3403

171.2565, 0.3252,
0.3347

■ 13.0140, 0.3424,
0.3422

211.0072, 0.3244,
0.3344

■ 7.4382, 0.3485,
0.3447

256.4771, 0.3236,
0.3340

■ 3.7376, 0.3579,
0.3484

308.0506, 0.3230,

■ 1.5279, 0.3738,

0.3337

366.1121, 0.3224,
0.3335

0.3544

0.3082, 0.5647,
0.4353

0.0000, 0.0000,
0.0000

61.7575, 0.3303,
0.3370

61.7575, 0.3303,
0.3370

53.9894, 0.3503,
0.3451

70.3835, 0.3135,
0.3294

47.0444, 0.3739,
0.3536

79.8847, 0.2993,
0.3223

40.8974, 0.4015,
0.3619

89.8476, 0.2909,
0.3225

35.5186, 0.4331,
0.3696

93.7962, 0.2911,
0.3289

■ 30.8767, 0.4681,
0.3756

■ 26.9378, 0.5050,
0.3789

■ 23.6649, 0.5411,
0.3782

■ 21.0173, 0.5729,
0.3729

■ 19.0292, 0.5970,
0.3642

Harmonies

Analogous

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



61.7575, 0.3277, 0.3294



61.7575, 0.3303, 0.3370



61.7575, 0.3281, 0.3426

Triad

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



61.7575, 0.3303, 0.3370



61.7575, 0.3043, 0.3363



61.7575, 0.3037, 0.3138

Complementary

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



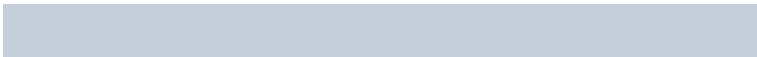
61.7575, 0.3303, 0.3370



63.9344, 0.2966, 0.3209

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.



61.7575, 0.2975, 0.3154



61.7575, 0.3303, 0.3370



61.7575, 0.2979, 0.3283

Square

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



61.7575, 0.3303, 0.3370



61.7575, 0.3130, 0.3423



61.7575, 0.2955, 0.3207



61.7575, 0.3123, 0.3162

Rectangle

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



61.7575, 0.3303, 0.3370



61.7575, 0.3242, 0.3444



61.7575, 0.2955, 0.3207



61.7575, 0.3012, 0.3139

Sweetspot

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



61.7602, 0.3303, 0.3370



96.1686, 0.3175, 0.3312



59.3060, 0.3190, 0.3109



20.3690, 0.3188, 0.3319



0.0000, 0.0000, 0.0000



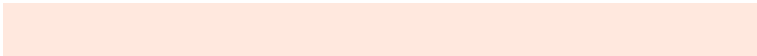
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7602, 0.3303, 0.3370



84.2054, 0.3352, 0.3391



67.3314, 0.3288, 0.3497



13.6946, 0.3284, 0.3362



11.4560, 0.5943, 0.3663



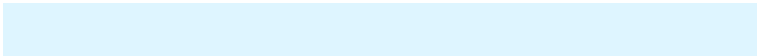
0.8918, 0.5620, 0.3919

Inverse Universe

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



63.9344, 0.2966, 0.3209



87.9762, 0.2925, 0.3187



58.4470, 0.2964, 0.3074



14.1257, 0.2982, 0.3217



16.6154, 0.1964, 0.2271



1.2257, 0.2016, 0.2457

Previews

White Background



This preview shows how the Yxy color 61.7575, 0.3303, 0.3370 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 61.7575, 0.3303, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

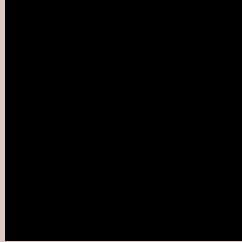
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7575, 0.3303, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 61.7575, 0.3303, 0.3370.

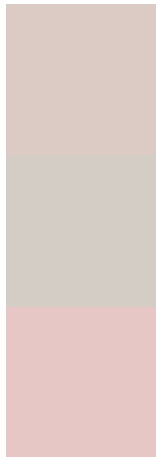


This preview shows how white text looks on a background with the Yxy color 61.7575, 0.3303, 0.3370.

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

61.7575, 0.3303, 0.3370

Protanopia

61.6909, 0.3239, 0.3383

Deuteranopia

61.7011, 0.3390, 0.3313



Tritanopia

61.7960, 0.3182, 0.3113

Trichromacy



Original Color

61.7575, 0.3303, 0.3370

Protanomaly

61.6640, 0.3263, 0.3371

Deuteranomaly

61.5085, 0.3356, 0.3324

Tritanomaly

61.7489, 0.3225, 0.3201

Monochromacy



Original Color

61.7575, 0.3303, 0.3370

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3033, 0.3187, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7575, 0.3303, 0.3370 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 196) }
```

Border

The CSS property to change the border of an element to Yxy 61.7575, 0.3303, 0.3370 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, 196) }
```

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

```
.border{ border-color:rgb(219, 203, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 196);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7575, 0.3303, 0.3370 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, 196) }
```

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

```
.background{ background-color: rgb(219,  
203, 196) }
```

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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