

Converting Colors

Yxy(62.4683, 0.3209, 0.3364)

Have a look what the booklet for
Yxy(62.4683, 0.3209, 0.3364)
contains.

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Color

Yxy(62.6447, 0.3207, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	D3CFC8
RGB	211, 207, 200
RGB Percent	83%, 81%, 78%
CMY	0.1726, 0.1882, 0.2157
CMYK	0.00, 0.02, 0.05, 0.17
HSL	38°, 11%, 81%
HSV	38°, 5%, 83%
XYZ	59.5970, 62.6447, 63.5925
YIQ	207.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

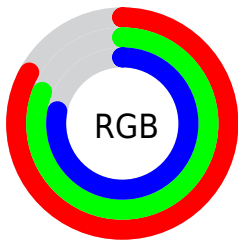
Format	Color
R _Y B	206, 211, 200
Decimal	13881288
CIE Lab	83.26, 0.13, 3.95
CIE LCh	83, 3.954, 88.087
Yxy	62.6447, 0.3207, 0.3371
Android (android.graphics.Color)	4292071368 (0xFFD3CFC8)
YUV	207.3980, -3.6472, 3.1590
Hunter-Lab	79.1484, -4.1031, 7.7668

Details

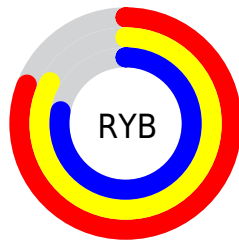
The Yxy color $62.6447, 0.3207, 0.3371$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.1502, 0.3048, 0.3208$, and the grayscale version is $62.6882, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.9257, 0.3223, 0.3397$ is the 20% darker color. If you saturate the color by 10%, you get $58.1237, 0.3374, 0.3533$, and if you desaturate by 10%, it is $67.4855, 0.3058, 0.3218$.

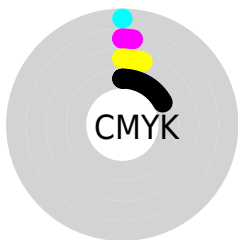
Distribution



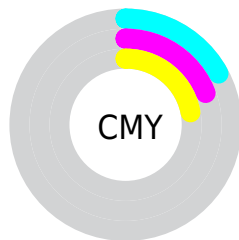
- Red (83%)
- Green (81%)
- Blue (78%)



- Red (81%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6447, 0.3207, 0.3371 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 62.6447, 0.3207, 0.3371 by changing the saturation by 10% instead.

■ 62.6447, 0.3207,
0.3371

■ 62.6447, 0.3207,
0.3371

434.2789, 0.3169,
0.3333

■ 45.5538, 0.3216,
0.3380

108.6568, 0.3194,
0.3357

■ 31.8939, 0.3227,
0.3391

138.3467, 0.3188,
0.3352

■ 21.2805, 0.3242,
0.3406

173.0052, 0.3184,
0.3348

■ 13.3292, 0.3261,
0.3426

213.0166, 0.3180,
0.3344

■ 7.6556, 0.3288,
0.3453

258.7653, 0.3177,
0.3341

■ 3.8754, 0.3329,
0.3494

310.6356, 0.3174,

■ 1.6041, 0.3398,

0.3338

369.0120, 0.3171,
0.3335

0.3564

0.3604, 0.4205,
0.4383

0.0000, 0.0000,
0.0000

62.6447, 0.3207,
0.3371

62.6447, 0.3207,
0.3371

58.1237, 0.3374,
0.3533

67.4855, 0.3058,
0.3218

53.9064, 0.3557,
0.3701

72.6456, 0.2925,
0.3074

49.9869, 0.3757,
0.3870

77.5894, 0.2853,
0.3025

46.3564, 0.3969,
0.4034

81.9211, 0.2857,
0.3107

■ 43.0052, 0.4189,
0.4183

■ 86.4405, 0.2861,
0.3187

■ 39.9229, 0.4408,
0.4306

■ 91.1498, 0.2865,
0.3266

■ 37.0982, 0.4615,
0.4392

■ 92.5857, 0.2866,
0.3289

■ 34.5181, 0.4799,
0.4430

■ 32.1675, 0.4952,
0.4417

Harmonies

Analogous

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



62.6447, 0.3225, 0.3344



62.6447, 0.3207, 0.3371



62.6447, 0.3167, 0.3376

Triad

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



62.6447, 0.3207, 0.3371



62.6447, 0.3039, 0.3276



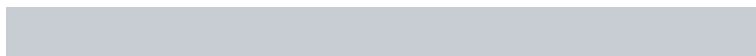
62.6447, 0.3137, 0.3223

Complementary

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



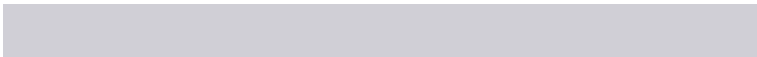
62.6447, 0.3207, 0.3371



60.1502, 0.3048, 0.3208

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.



62.6447, 0.3087, 0.3205



62.6447, 0.3207, 0.3371



62.6447, 0.3030, 0.3235

Square

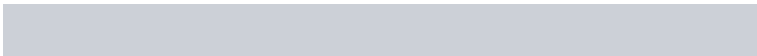
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6447, 0.3207, 0.3371



62.6447, 0.3070, 0.3321



62.6447, 0.3048, 0.3210



62.6447, 0.3184, 0.3259

Rectangle

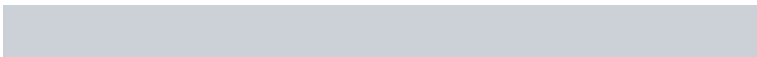
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6447, 0.3207, 0.3371



62.6447, 0.3134, 0.3367



62.6447, 0.3048, 0.3210



62.6447, 0.3119, 0.3215

Sweetspot

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



62.6474, 0.3207, 0.3371



98.5061, 0.3158, 0.3321



59.5145, 0.3184, 0.3244



21.1001, 0.3156, 0.3320



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.



62.6474, 0.3207, 0.3371



95.5779, 0.3221, 0.3385



64.3783, 0.3192, 0.3417



13.3279, 0.3229, 0.3393



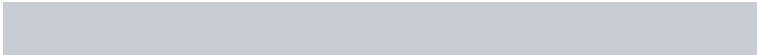
18.9797, 0.5002, 0.4411



1.2089, 0.4816, 0.4558

Inverse Universe

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



60.1502, 0.3048, 0.3208



91.1347, 0.3035, 0.3194



58.4918, 0.3060, 0.3161



12.6552, 0.3027, 0.3185



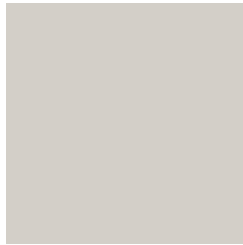
6.1535, 0.1657, 0.1165



0.4930, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 62.6447, 0.3207, 0.3371 looks on a white background.

Color Contrast Check

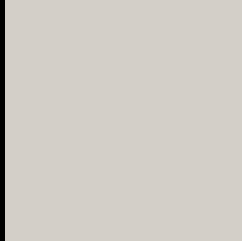
Large Text (above 18pt) WCAG AA × Fail

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 62.6447, 0.3207, 0.3371 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

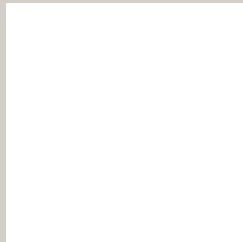
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6447, 0.3207, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 62.6447, 0.3207, 0.3371.

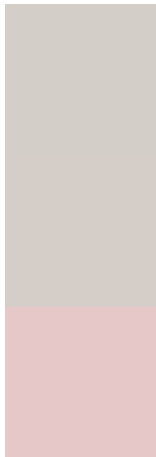


This preview shows how white text looks on a background with the Yxy color 62.6447, 0.3207, 0.3371.

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

62.6447, 0.3207, 0.3371

Protanopia

62.4589, 0.3224, 0.3359

Deuteranopia

62.3486, 0.3358, 0.3280



Tritanopia

62.6492, 0.3090, 0.3110

Trichromacy



Original Color

62.6447, 0.3207, 0.3371

Protanomaly

62.3098, 0.3216, 0.3359

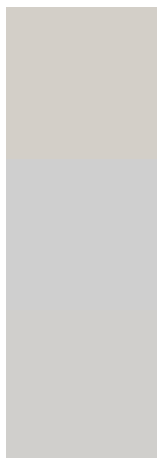
Deuteranomaly

62.6169, 0.3298, 0.3313

Tritanomaly

62.6129, 0.3131, 0.3199

Monochromacy



Original Color

62.6447, 0.3207, 0.3371

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3952, 0.3156, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6447, 0.3207, 0.3371 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(211, 207, 200)` looks like.

```
.text, #text, p{  
    color:rgb(211, 207, 200)  
}
```

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(211, 207, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 207, 200) }
```

Border

The CSS property to change the border of an element to Yxy 62.6447, 0.3207, 0.3371 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(211, 207, 200) }
```

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

```
.border{ border-color:rgb(211, 207, 200) }
```

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

Here you see how a box with a 4 pixel rgb(211, 207, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 207, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 207, 200);  
box-shadow:4px 4px 4px 4px rgb(211, 207,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6447, 0.3207, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 207, 200) }
```

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

```
.background{ background-color: rgb(211,  
207, 200) }
```

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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