

Converting Colors

Yxy(63.6828, 0.3063, 0.3422)

Have a look what the booklet for
Yxy(63.6828, 0.3063, 0.3422)
contains.

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Color

Yxy(63.8267, 0.3062, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	C2D6CA
RGB	194, 214, 202
RGB Percent	76%, 84%, 79%
CMY	0.2394, 0.1607, 0.2078
CMYK	0.09, 0.00, 0.06, 0.16
HSL	144°, 20%, 80%
HSV	144°, 9%, 84%
XYZ	56.9456, 63.8267, 65.2029
YIQ	206.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

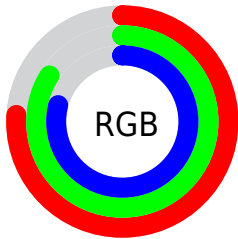
Format	Color
RYB	194, 208, 214
Decimal	12768970
CIELab	83.88, -8.98, 3.62
CIELCh	84, 9.688, 158.046
Yxy	63.8267, 0.3062, 0.3432
Android (android.graphics.Color)	4290959050 (0xFFC2D6CA)
YUV	206.6520, -2.2934, -11.0958
Hunter-Lab	79.8916, -12.5780, 7.5351

Details

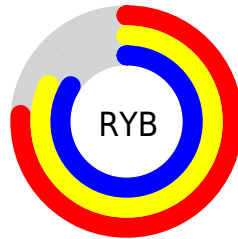
The Yxy color **63.8267, 0.3062, 0.3432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3116, 0.3198, 0.3152**, and the grayscale version is **62.1766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **32.5098, 0.3043, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **60.6181, 0.2994, 0.3601**, and if you desaturate by 10%, it is **67.4987, 0.3131, 0.3281**.

Distribution



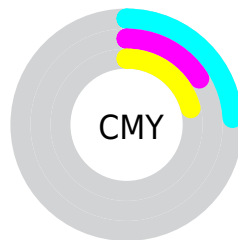
- Red (76%)
- Green (84%)
- Blue (79%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8267, 0.3062, 0.3432 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 63.8267, 0.3062, 0.3432 by changing the saturation by 10% instead.

■ 63.8267, 0.3062,
0.3432

■ 63.8267, 0.3062,
0.3432

438.5636, 0.3093,
0.3364

■ 46.5103, 0.3055,
0.3448

■ 110.3613, 0.3073,
0.3408

■ 32.6487, 0.3045,
0.3468

140.3484, 0.3077,
0.3399

■ 21.8575, 0.3033,
0.3495

175.3277, 0.3081,
0.3391

■ 13.7522, 0.3017,
0.3530

215.6838, 0.3084,
0.3384

■ 7.9485, 0.2994,
0.3580

261.8011, 0.3087,
0.3378

■ 4.0620, 0.2958,
0.3657

314.0639, 0.3089,

■ 1.7083, 0.2898,

0.3373

372.8565, 0.3091,
0.3368

0.3788

0.4290, 0.2267,
0.5160

0.0000, 0.0000,
0.0000

63.8267, 0.3062,
0.3432

63.8267, 0.3062,
0.3432

60.6181, 0.2994,
0.3601

67.4987, 0.3131,
0.3281

57.8464, 0.2929,
0.3789

71.6436, 0.3201,
0.3148

55.4942, 0.2871,
0.3994

75.6782, 0.3245,
0.3029

53.5403, 0.2822,
0.4215

76.4678, 0.3158,
0.2907

■ 51.9611, 0.2786,
0.4445

■ 76.5825, 0.3146,
0.2891

■ 50.7309, 0.2766,
0.4680

■ 49.8201, 0.2764,
0.4911

■ 49.1943, 0.2781,
0.5128

■ 48.7963, 0.2814,
0.5326

Harmonies

Analogous

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



63.8267, 0.3185, 0.3494



63.8267, 0.3062, 0.3432



63.8267, 0.2958, 0.3330

Triad

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



63.8267, 0.3062, 0.3432



63.8267, 0.2961, 0.3086



63.8267, 0.3361, 0.3354

Complementary

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



63.8267, 0.3062, 0.3432



57.3116, 0.3198, 0.3152

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.



63.8267, 0.3298, 0.3248



63.8267, 0.3062, 0.3432



63.8267, 0.3066, 0.3095

Square

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



63.8267, 0.3062, 0.3432



63.8267, 0.2900, 0.3130



63.8267, 0.3190, 0.3154



63.8267, 0.3359, 0.3446

Rectangle

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



63.8267, 0.3062, 0.3432



63.8267, 0.2913, 0.3255



63.8267, 0.3190, 0.3154



63.8267, 0.3346, 0.3319

Sweetspot

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



63.8294, 0.3062, 0.3432



98.2867, 0.3106, 0.3334



65.1153, 0.3205, 0.3524



20.9417, 0.3100, 0.3346



0.0000, 0.0000, 0.0000



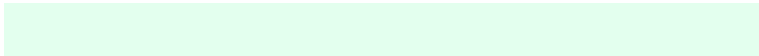
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8294, 0.3062, 0.3432



94.0290, 0.3050, 0.3460



64.3185, 0.2996, 0.3313



13.9779, 0.3062, 0.3433



29.4948, 0.2808, 0.5310



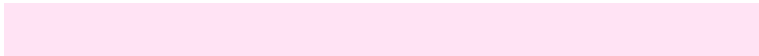
1.7951, 0.2711, 0.4960

Inverse Universe

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



57.3116, 0.3198, 0.3152



82.6858, 0.3213, 0.3126



56.8411, 0.3275, 0.3267



12.5443, 0.3199, 0.3151



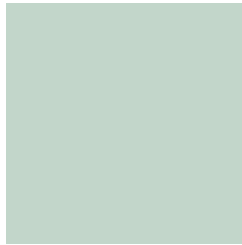
9.6039, 0.4539, 0.2274



0.5954, 0.4248, 0.2114

Previews

White Background



This preview shows how the Yxy color 63.8267, 0.3062, 0.3432 looks on a white background.

Color Contrast Check

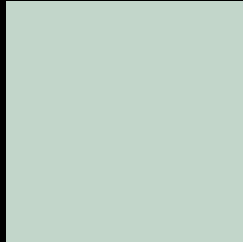
Large Text (above 18pt) WCAG AA × Fail

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 63.8267, 0.3062, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

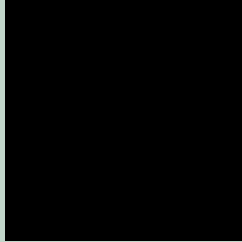
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

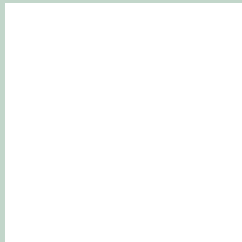
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8267, 0.3062, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 63.8267, 0.3062, 0.3432.

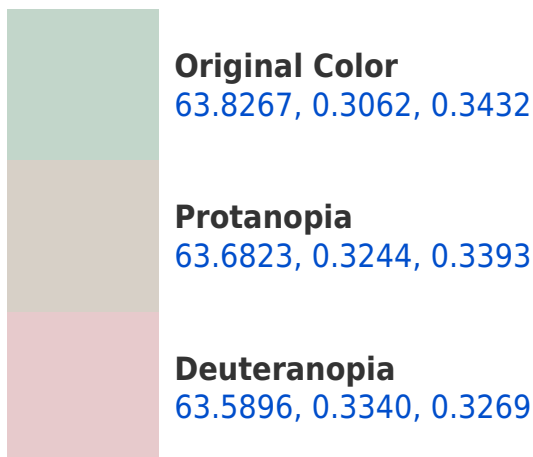


This preview shows how white text looks on a background with the Yxy color 63.8267, 0.3062, 0.3432.

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





Tritanopia

63.6450, 0.2928, 0.3095

Trichromacy



Original Color

63.8267, 0.3062, 0.3432

Protanomaly

63.5287, 0.3174, 0.3406

Deuteranomaly

63.3598, 0.3241, 0.3324

Tritanomaly

63.5208, 0.2979, 0.3208

Monochromacy



Original Color

63.8267, 0.3062, 0.3432

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0575, 0.3102, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8267, 0.3062, 0.3432 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(194, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 202)  
}
```

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(194, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 202) }
```

Border

The CSS property to change the border of an element to Yxy 63.8267, 0.3062, 0.3432 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(194, 214, 202) }
```

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

```
.border{ border-color:rgb(194, 214, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8267, 0.3062, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 202) }
```

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

```
.background{ background-color: rgb(194,  
214, 202) }
```

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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