

Converting Colors

$Yxy(63.9069, 0.3008, 0.3361)$

Have a look what the booklet for
Yxy(63.9069, 0.3008, 0.3361)
contains.

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Color

Yxy(63.8537, 0.3009, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C0D6D0
RGB	192, 214, 208
RGB Percent	75%, 84%, 82%
CMY	0.2471, 0.1608, 0.1844
CMYK	0.10, 0.00, 0.03, 0.16
HSL	164°, 21%, 80%
HSV	164°, 10%, 84%
XYZ	57.1663, 63.8537, 68.9643
YIQ	206.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

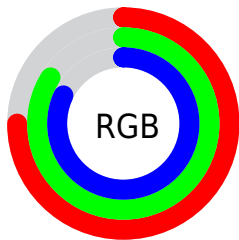
Format	Color
RYB	192, 205, 214
Decimal	12637904
CIELab	83.89, -8.50, 0.46
CIELCh	84, 8.515, 176.870
Yxy	63.8537, 0.3009, 0.3361
Android (android.graphics.Color)	4290827984 (0xFFC0D6D0)
YUV	206.7380, 0.6222, -12.9252
Hunter-Lab	79.9085, -12.1416, 4.7663

Details

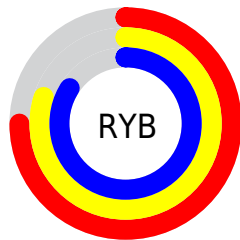
The Yxy color **63.8537, 0.3009, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0758, 0.3261, 0.3220**, and the grayscale version is **62.2210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **32.5326, 0.2973, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **60.9791, 0.2899, 0.3437**, and if you desaturate by 10%, it is **67.1506, 0.3124, 0.3292**.

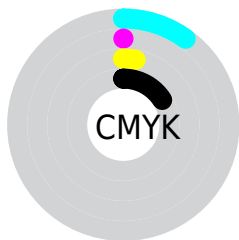
Distribution



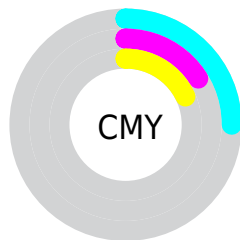
- Red (75%)
- Green (84%)
- Blue (82%)



- Red (75%)
- Yellow (80%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8537, 0.3009, 0.3361 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 63.8537, 0.3009, 0.3361 by changing the saturation by 10% instead.

■ 63.8537, 0.3009,
0.3361

■ 63.8537, 0.3009,
0.3361

438.6611, 0.3065,
0.3327

■ 46.5322, 0.2996,
0.3369

■ 110.4002, 0.3029,
0.3349

■ 32.6660, 0.2979,
0.3379

140.3940, 0.3036,
0.3345

■ 21.8707, 0.2958,
0.3392

175.3807, 0.3043,
0.3341

■ 13.7619, 0.2930,
0.3409

215.7446, 0.3048,
0.3337

■ 7.9553, 0.2891,
0.3432

261.8703, 0.3053,
0.3334

■ 4.0663, 0.2831,
0.3468

314.1420, 0.3058,

■ 1.7107, 0.2733,

0.3332

372.9441, 0.3062,
0.3329

0.3528

0.4306, 0.1888,
0.4029

0.0000, 0.0000,
0.0000

63.8537, 0.3009,
0.3361

63.8537, 0.3009,
0.3361

60.9791, 0.2899,
0.3437

67.1506, 0.3124,
0.3292

58.5012, 0.2796,
0.3521

70.8782, 0.3241,
0.3230

56.4037, 0.2705,
0.3610

74.8261, 0.3350,
0.3174

54.6664, 0.2626,
0.3706

75.1534, 0.3308,
0.3116

■ 53.2668, 0.2564,
0.3805

■ 75.4918, 0.3267,
0.3059

■ 52.1802, 0.2520,
0.3908

■ 75.8416, 0.3226,
0.3002

■ 51.3781, 0.2497,
0.4012

■ 76.2027, 0.3186,
0.2946

■ 50.8268, 0.2493,
0.4115

■ 76.5752, 0.3146,
0.2891

■ 50.4728, 0.2504,
0.4215

■ 76.5775, 0.3146,
0.2891

Harmonies

Analogous

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



63.8537, 0.3110, 0.3440



63.8537, 0.3009, 0.3361



63.8537, 0.2940, 0.3263

Triad

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



63.8537, 0.3009, 0.3361



63.8537, 0.3036, 0.3110



63.8537, 0.3338, 0.3401

Complementary

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



63.8537, 0.3009, 0.3361



56.0758, 0.3261, 0.3220

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.



63.8537, 0.3318, 0.3312



63.8537, 0.3009, 0.3361



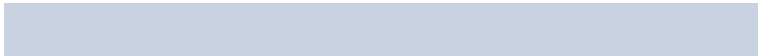
63.8537, 0.3142, 0.3147

Square

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



63.8537, 0.3009, 0.3361



63.8537, 0.2955, 0.3120



63.8537, 0.3245, 0.3220



63.8537, 0.3301, 0.3461

Rectangle

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



63.8537, 0.3009, 0.3361



63.8537, 0.2921, 0.3202



63.8537, 0.3245, 0.3220



63.8537, 0.3338, 0.3373

Sweetspot

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



63.8564, 0.3009, 0.3361



98.4433, 0.3092, 0.3310



63.9411, 0.3161, 0.3551



20.9840, 0.3083, 0.3316



0.0000, 0.0000, 0.0000



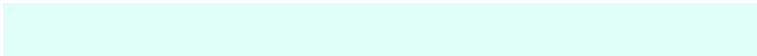
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8564, 0.3009, 0.3361



94.1220, 0.2988, 0.3375



61.7808, 0.2969, 0.3233



14.0470, 0.3019, 0.3355



30.5232, 0.2500, 0.4200



1.8546, 0.2451, 0.4022

Inverse Universe

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



56.0758, 0.3261, 0.3220



80.6583, 0.3288, 0.3207



57.9306, 0.3302, 0.3346



12.4763, 0.3248, 0.3226



8.8455, 0.5837, 0.2989



0.5475, 0.5336, 0.2713

Previews

White Background



This preview shows how the Yxy color 63.8537, 0.3009, 0.3361 looks on a white background.

Color Contrast Check

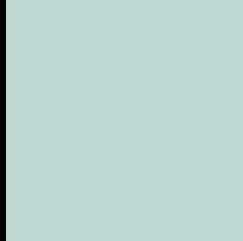
Large Text (above 18pt) WCAG AA × Fail

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 63.8537, 0.3009, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

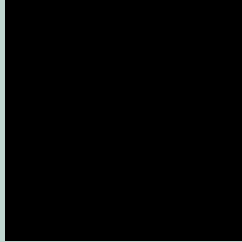
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

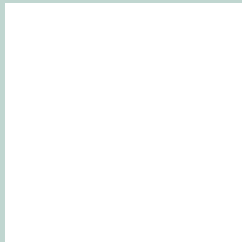
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8537, 0.3009, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 63.8537, 0.3009, 0.3361.



This preview shows how white text looks on a background with the Yxy color 63.8537, 0.3009, 0.3361.

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

63.8537, 0.3009, 0.3361

Protanopia

63.8157, 0.3194, 0.3324

Deuteranopia

63.3882, 0.3271, 0.3203



Tritanopia

63.7921, 0.2901, 0.3094

Trichromacy



Original Color

63.8537, 0.3009, 0.3361

Protanomaly

63.6712, 0.3125, 0.3336

Deuteranomaly

63.1931, 0.3174, 0.3256

Tritanomaly

63.7768, 0.2939, 0.3185

Monochromacy



Original Color

63.8537, 0.3009, 0.3361

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1547, 0.3088, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8537, 0.3009, 0.3361 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(192, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(192, 214, 208)  
}
```

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(192, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 214, 208) }
```

Border

The CSS property to change the border of an element to Yxy 63.8537, 0.3009, 0.3361 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(192, 214, 208) }
```

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

```
.border{ border-color:rgb(192, 214, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 214, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(192, 214,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8537, 0.3009, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 214, 208) }
```

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

```
.background{ background-color: rgb(192,  
214, 208) }
```

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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