

Converting Colors

$Yxy(63.0922, 0.3195, 0.3399)$

Have a look what the booklet for
Yxy(63.0922, 0.3195, 0.3399)
contains.

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Color

Yxy(63.2798, 0.3197, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	D1D1C7
RGB	209, 209, 199
RGB Percent	82%, 82%, 78%
CMY	0.1805, 0.1803, 0.2196
CMYK	0.00, 0.00, 0.05, 0.18
HSL	60°, 10%, 80%
HSV	60°, 5%, 82%
XYZ	59.3968, 63.2798, 63.1126
YIQ	207.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

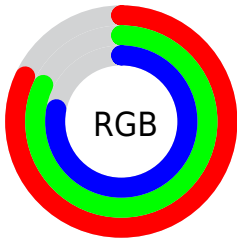
Format	Color
R_{YB}	199, 209, 199
Decimal	13750727
CIE Lab	83.59, -1.79, 4.95
CIE LCh	84, 5.263, 109.869
Yxy	63.2798, 0.3197, 0.3406
Android (android.graphics.Color)	4291940807 (0xFFD1D1C7)
YUV	207.8600, -4.3680, 0.9998
Hunter-Lab	79.5486, -5.9289, 8.6443

Details

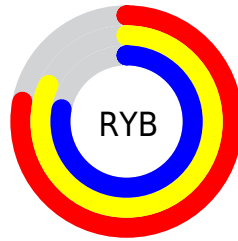
The Yxy color **63.2798, 0.3197, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5962, 0.3056, 0.3171**, and the grayscale version is **63.0072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4556, 0.3220, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **62.3640, 0.3346, 0.3654**, and if you desaturate by 10%, it is **64.3345, 0.3053, 0.3167**.

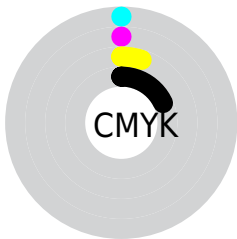
Distribution



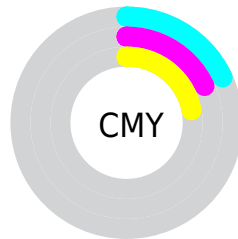
- Red (82%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2798, 0.3197, 0.3406 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 63.2798, 0.3197, 0.3406 by changing the saturation by 10% instead.

■ 63.2798, 0.3197,
0.3406

■ 63.2798, 0.3197,
0.3406

436.5842, 0.3164,
0.3351

■ 46.0676, 0.3205,
0.3419

109.5731, 0.3185,
0.3387

■ 32.2992, 0.3214,
0.3435

139.4229, 0.3181,
0.3379

■ 21.5901, 0.3227,
0.3456

174.2542, 0.3177,
0.3373

■ 13.5560, 0.3243,
0.3485

214.4511, 0.3174,
0.3367

■ 7.8125, 0.3267,
0.3525

260.3982, 0.3171,
0.3362

■ 3.9752, 0.3301,
0.3585

312.4798, 0.3168,

■ 1.6597, 0.3358,

0.3358

0.3686

371.0804, 0.3166,
0.3354

■ 0.3974, 0.4083,
0.4858

■ 0.0000, 0.0000,
0.0000

■ 63.2798, 0.3197,
0.3406

■ 63.2798, 0.3197,
0.3406

■ 62.3640, 0.3346,
0.3654

■ 64.3345, 0.3053,
0.3167

■ 61.5734, 0.3497,
0.3905


■ 65.5249, 0.2917,
0.2941


■ 60.9049, 0.3645,
0.4151

■ 66.4195, 0.2830,
0.2796


■ 60.3525, 0.3784,
0.4383


■ 66.4329, 0.2831,
0.2796

 59.9093, 0.3908,
0.4591


 66.4463, 0.2831,
0.2797

 59.5679, 0.4013,
0.4766

 66.4598, 0.2832,
0.2797


 59.3198, 0.4093,
0.4901

 66.4732, 0.2832,
0.2797

 59.1554, 0.4148,
0.4993

 66.4867, 0.2833,
0.2797

 59.0629, 0.4177,
0.5043

 66.5001, 0.2834,
0.2797

Harmonies

Analogous

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



63.2798, 0.3243, 0.3390



63.2798, 0.3197, 0.3406



63.2798, 0.3133, 0.3390

Triad

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



63.2798, 0.3197, 0.3406



63.2798, 0.2998, 0.3231



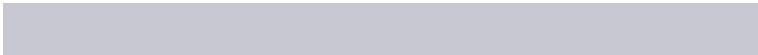
63.2798, 0.3187, 0.3234

Complementary

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



63.2798, 0.3197, 0.3406



57.5962, 0.3056, 0.3171

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.



63.2798, 0.3121, 0.3193



63.2798, 0.3197, 0.3406



63.2798, 0.3012, 0.3190

Square

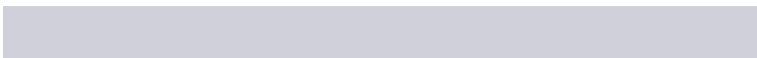
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2798, 0.3197, 0.3406



63.2798, 0.3018, 0.3288



63.2798, 0.3057, 0.3176



63.2798, 0.3237, 0.3291

Rectangle

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



63.2798, 0.3197, 0.3406



63.2798, 0.3088, 0.3364



63.2798, 0.3057, 0.3176



63.2798, 0.3166, 0.3218

Sweetspot

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



63.2825, 0.3197, 0.3406



99.8347, 0.3142, 0.3314



58.5254, 0.3206, 0.3290



21.3705, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



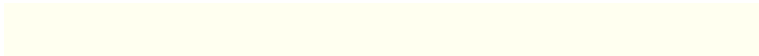
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2825, 0.3197, 0.3406



99.0407, 0.3216, 0.3437



62.5696, 0.3159, 0.3407



13.8533, 0.3223, 0.3450



36.3928, 0.4186, 0.5059



2.0357, 0.4187, 0.5057

Inverse Universe

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



57.5962, 0.3056, 0.3171



87.8482, 0.3036, 0.3138



58.2868, 0.3094, 0.3173



12.1588, 0.3028, 0.3125



2.8431, 0.1502, 0.0601



0.1599, 0.1507, 0.0604

Previews

White Background



This preview shows how the Yxy color 63.2798, 0.3197, 0.3406 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 63.2798, 0.3197, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

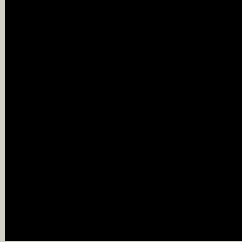
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

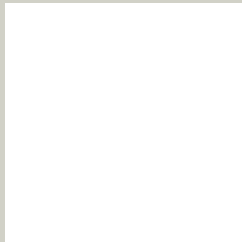
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2798, 0.3197, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 63.2798, 0.3197, 0.3406.

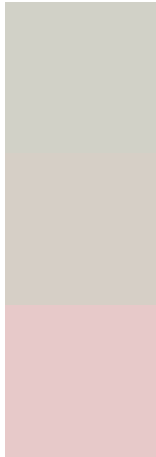


This preview shows how white text looks on a background with the Yxy color 63.2798, 0.3197, 0.3406.

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

63.2798, 0.3197, 0.3406

Protanopia

62.9990, 0.3245, 0.3393

Deuteranopia

62.9793, 0.3364, 0.3291



Tritanopia

63.4136, 0.3061, 0.3110

Trichromacy



Original Color

63.2798, 0.3197, 0.3406

Protanomaly

63.1860, 0.3228, 0.3405

Deuteranomaly

63.0438, 0.3304, 0.3335

Tritanomaly

63.3296, 0.3108, 0.3211

Monochromacy



Original Color

63.2798, 0.3197, 0.3406

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9294, 0.3148, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2798, 0.3197, 0.3406 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(209, 209, 199)` looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 199)  
}
```

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(209, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.2798, 0.3197, 0.3406 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(209, 209, 199) }
```

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

```
.border{ border-color:rgb(209, 209, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 209, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 209, 199); box-shadow:4px 4px 4px 4px rgb(209, 209, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2798, 0.3197, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 199) }
```

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

```
.background{ background-color: rgb(209,  
209, 199) }
```

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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