

Converting Colors

Yxy(62.7331, 0.3218, 0.3405)

Have a look what the booklet for
Yxy(62.7331, 0.3218, 0.3405)
contains.

Yxy(62.8906, 0.3213, 0.3406)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.8906, 0.3213, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	D2D0C6
RGB	210, 208, 198
RGB Percent	82%, 82%, 78%
CMY	0.1764, 0.1843, 0.2236
CMYK	0.00, 0.01, 0.06, 0.18
HSL	50°, 12%, 80%
HSV	50°, 6%, 82%
XYZ	59.3269, 62.8906, 62.4290
YIQ	207.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

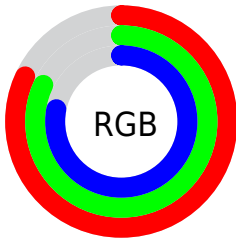
Format	Color
R _Y B	200, 210, 198
Decimal	13816006
CIE Lab	83.38, -1.07, 5.20
CIE LCh	83, 5.311, 101.673
Yxy	62.8906, 0.3213, 0.3406
Android (android.graphics.Color)	4292006086 (0xFFD2D0C6)
YUV	207.4580, -4.6628, 2.2293
Hunter-Lab	79.3036, -5.2457, 8.8385

Details

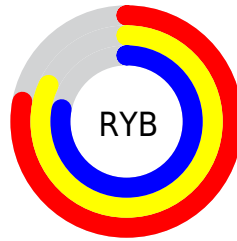
The Yxy color **62.8906, 0.3213, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9600, 0.3041, 0.3171**, and the grayscale version is **62.7376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1927, 0.3241, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **60.3042, 0.3371, 0.3615**, and if you desaturate by 10%, it is **65.6544, 0.3065, 0.3206**.

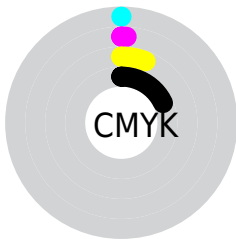
Distribution



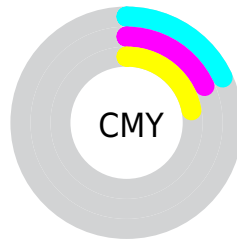
- Red (82%)
- Green (82%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8906, 0.3213, 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 62.8906, 0.3213, 0.3406 by changing the saturation by 10% instead.

■ 62.8906, 0.3213,
0.3406

■ 62.8906, 0.3213,
0.3406

435.1723, 0.3172,
0.3351

■ 45.7527, 0.3223,
0.3419

109.0117, 0.3199,
0.3387

■ 32.0507, 0.3235,
0.3435

138.7636, 0.3193,
0.3379

■ 21.4002, 0.3250,
0.3456

173.4891, 0.3188,
0.3373

■ 13.4169, 0.3271,
0.3485

213.5724, 0.3184,
0.3367

■ 7.7162, 0.3299,
0.3524

259.3980, 0.3181,
0.3362

■ 3.9139, 0.3343,
0.3584

311.3503, 0.3178,

■ 1.6255, 0.3415,

0.3358

0.3686

369.8136, 0.3175,
0.3354

0.3747, 0.4405,
0.5003

0.0000, 0.0000,
0.0000

62.8906, 0.3213,
0.3406

62.8906, 0.3213,
0.3406

60.3042, 0.3371,
0.3615

65.6544, 0.3065,
0.3206

57.8813, 0.3537,
0.3829

68.5929, 0.2930,
0.3017

55.6185, 0.3709,
0.4042

71.3221, 0.2840,
0.2901

53.5093, 0.3879,
0.4244

73.1602, 0.2842,
0.2939

■ 51.5464, 0.4043,
0.4427

■ 75.0368, 0.2844,
0.2977

■ 49.7221, 0.4193,
0.4580

■ 76.9521, 0.2846,
0.3015

■ 48.0274, 0.4322,
0.4694

■ 78.9064, 0.2848,
0.3053

■ 46.4523, 0.4424,
0.4764

■ 80.8999, 0.2850,
0.3090

■ 44.9840, 0.4498,
0.4788

■ 82.9328, 0.2852,
0.3127

Harmonies

Analogous

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



62.8906, 0.3252, 0.3382



62.8906, 0.3213, 0.3406



62.8906, 0.3151, 0.3399

Triad

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



62.8906, 0.3213, 0.3406



62.8906, 0.2999, 0.3245



62.8906, 0.3170, 0.3220

Complementary

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



62.8906, 0.3213, 0.3406



57.9600, 0.3041, 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.



62.8906, 0.3102, 0.3184



62.8906, 0.3213, 0.3406



62.8906, 0.3004, 0.3198

Square

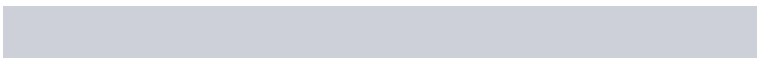
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.8906, 0.3213, 0.3406



62.8906, 0.3028, 0.3305



62.8906, 0.3041, 0.3176



62.8906, 0.3227, 0.3274

Rectangle

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



62.8906, 0.3213, 0.3406



62.8906, 0.3106, 0.3377



62.8906, 0.3041, 0.3176



62.8906, 0.3148, 0.3206

Sweetspot

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



62.8933, 0.3213, 0.3406



99.1353, 0.3157, 0.3331



58.2540, 0.3208, 0.3267



21.2281, 0.3156, 0.3329



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.



62.8933, 0.3213, 0.3406



97.0217, 0.3234, 0.3434



63.2946, 0.3181, 0.3430



13.5559, 0.3241, 0.3443



27.1957, 0.4518, 0.4794



1.6118, 0.4449, 0.4849

Inverse Universe

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



57.9600, 0.3041, 0.3171



87.6423, 0.3019, 0.3142



57.5908, 0.3072, 0.3149



12.1643, 0.3012, 0.3132



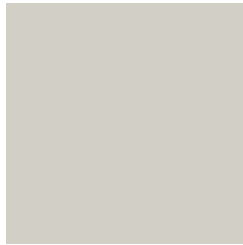
3.6698, 0.1543, 0.0754



0.3062, 0.1628, 0.1059

Previews

White Background



This preview shows how the Yxy color 62.8906, 0.3213, 0.3406 looks on a white background.

Color Contrast Check

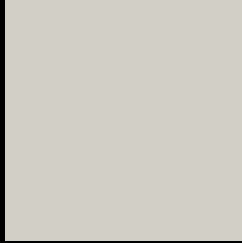
Large Text (above 18pt) WCAG AA × Fail

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 62.8906, 0.3213, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

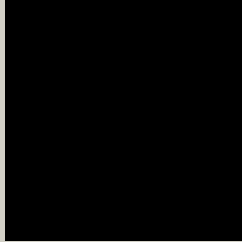
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

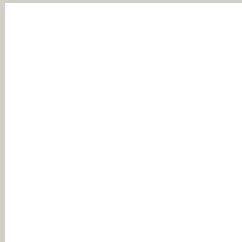
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8906, 0.3213, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 62.8906, 0.3213, 0.3406.

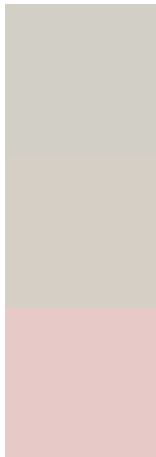


This preview shows how white text looks on a background with the Yxy color 62.8906, 0.3213, 0.3406.

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

62.8906, 0.3213, 0.3406

Protanopia

62.9530, 0.3252, 0.3405

Deuteranopia

62.8857, 0.3379, 0.3313



Tritanopia

63.0292, 0.3076, 0.3110

Trichromacy



Original Color

62.8906, 0.3213, 0.3406

Protanomaly

62.8030, 0.3244, 0.3405

Deuteranomaly

62.9972, 0.3311, 0.3347

Tritanomaly

62.9438, 0.3123, 0.3211

Monochromacy



Original Color

62.8906, 0.3213, 0.3406

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 62.8906, 0.3213, 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(210, 208, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 198)  
}
```

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(210, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 198) }
```

Border

The CSS property to change the border of an element to Yxy 62.8906, 0.3213, 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(210, 208, 198) }
```

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

```
.border{ border-color:rgb(210, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8906, 0.3213, 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(210, 208, 198) }
```

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

```
.background{ background-color: rgb(210,  
208, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor