

Converting Colors

$Yxy(62.8996, 0.3092, 0.3427)$

Have a look what the booklet for
Yxy(62.8996, 0.3092, 0.3427)
contains.

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Color

Yxy(62.9929, 0.3091, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	C4D4C8
RGB	196, 212, 200
RGB Percent	77%, 83%, 78%
CMY	0.2314, 0.1686, 0.2156
CMYK	0.08, 0.00, 0.06, 0.17
HSL	135°, 16%, 80%
HSV	135°, 8%, 83%
XYZ	56.7340, 62.9929, 63.8189
YIQ	205.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

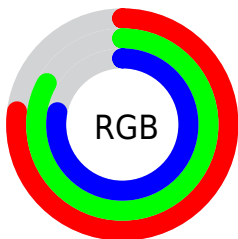
Format	Color
RYB	196, 209, 212
Decimal	12899528
CIELab	83.44, -7.62, 4.07
CIELCh	83, 8.643, 151.908
Yxy	62.9929, 0.3091, 0.3432
Android (android.graphics.Color)	4291089608 (0xFFC4D4C8)
YUV	205.8480, -2.8831, -8.6367
Hunter-Lab	79.3681, -11.2985, 7.8833

Details

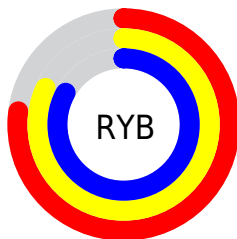
The Yxy color **62.9929, 0.3091, 0.3432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0300, 0.3165, 0.3152**, and the grayscale version is **61.6423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **31.9400, 0.3080, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **59.6461, 0.3043, 0.3642**, and if you desaturate by 10%, it is **66.8240, 0.3139, 0.3247**.

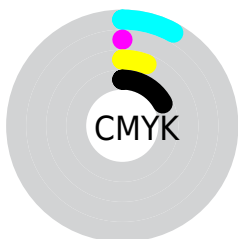
Distribution



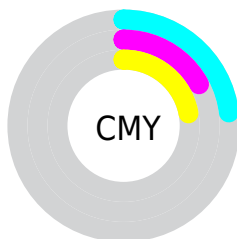
- Red (77%)
- Green (83%)
- Blue (78%)



- Red (77%)
- Yellow (82%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9929, 0.3091, 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 62.9929, 0.3091, 0.3432 by changing the saturation by 10% instead.

■ 62.9929, 0.3091,
0.3432

■ 62.9929, 0.3091,
0.3432

435.5437, 0.3109,
0.3364

■ 45.8355, 0.3087,
0.3448

109.1593, 0.3097,
0.3408

■ 32.1160, 0.3081,
0.3469

138.9370, 0.3100,
0.3399

■ 21.4501, 0.3074,
0.3495

173.6903, 0.3102,
0.3391

■ 13.4534, 0.3065,
0.3531

213.8035, 0.3103,
0.3384

■ 7.7415, 0.3051,
0.3581

259.6610, 0.3105,
0.3378

■ 3.9300, 0.3030,
0.3659

311.6473, 0.3106,

■ 1.6345, 0.2993,

0.3373

370.1468, 0.3108,
0.3368

0.3793

0.3807, 0.2560,
0.5547

0.0000, 0.0000,
0.0000

62.9929, 0.3091,
0.3432

62.9929, 0.3091,
0.3432

59.6461, 0.3043,
0.3642

66.8240, 0.3139,
0.3247

56.7563, 0.2997,
0.3875

71.1492, 0.3185,
0.3085

54.3059, 0.2954,
0.4132

75.1058, 0.3197,
0.2940

52.2729, 0.2917,
0.4407

75.5695, 0.3147,
0.2871

■ 50.6335, 0.2890,
0.4692

■ 49.3612, 0.2875,
0.4976

■ 48.4265, 0.2875,
0.5245

■ 47.7947, 0.2889,
0.5483

■ 47.4191, 0.2916,
0.5678

Harmonies

Analogous

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



62.9929, 0.3201, 0.3478



62.9929, 0.3091, 0.3432



62.9929, 0.2992, 0.3346

Triad

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



62.9929, 0.3091, 0.3432



62.9929, 0.2963, 0.3111



62.9929, 0.3329, 0.3329

Complementary

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



62.9929, 0.3091, 0.3432



58.0300, 0.3165, 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.



62.9929, 0.3263, 0.3234



62.9929, 0.3091, 0.3432



62.9929, 0.3051, 0.3110

Square

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



62.9929, 0.3091, 0.3432



62.9929, 0.2919, 0.3160



62.9929, 0.3161, 0.3154



62.9929, 0.3340, 0.3416

Rectangle

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



62.9929, 0.3091, 0.3432



62.9929, 0.2945, 0.3279



62.9929, 0.3161, 0.3154



62.9929, 0.3313, 0.3297

Sweetspot

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



62.9956, 0.3091, 0.3432



98.8019, 0.3118, 0.3327



64.4852, 0.3208, 0.3476



21.1602, 0.3118, 0.3325



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.



62.9956, 0.3091, 0.3432



94.8458, 0.3084, 0.3463



63.3791, 0.3037, 0.3337



13.9466, 0.3082, 0.3469



29.2425, 0.2916, 0.5696



1.7772, 0.2820, 0.5353

Inverse Universe

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



58.0300, 0.3165, 0.3152



85.8561, 0.3174, 0.3123



57.6465, 0.3225, 0.3244



12.5770, 0.3176, 0.3117



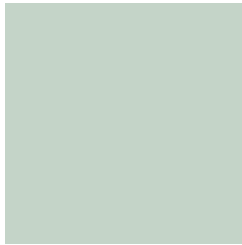
10.1995, 0.3961, 0.1955



0.6281, 0.3803, 0.1869

Previews

White Background



This preview shows how the Yxy color 62.9929, 0.3091, 0.3432 looks on a white background.

Color Contrast Check

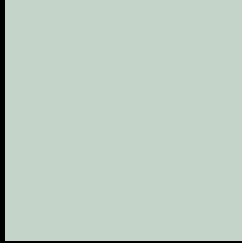
Large Text (above 18pt) WCAG AA × Fail

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 62.9929, 0.3091, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

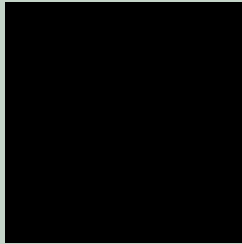
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

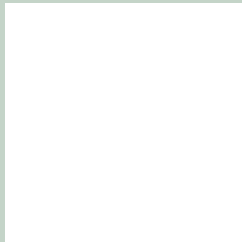
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9929, 0.3091, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 62.9929, 0.3091, 0.3432.

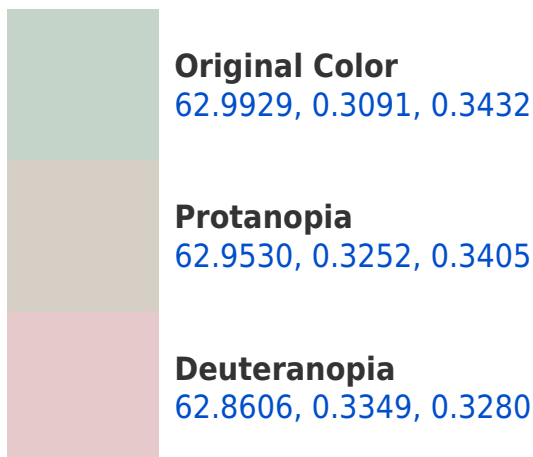


This preview shows how white text looks on a background with the Yxy color 62.9929, 0.3091, 0.3432.

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

62.8274, 0.2954, 0.3095

Trichromacy



Original Color

62.9929, 0.3091, 0.3432

Protanomaly

62.9435, 0.3189, 0.3418

Deuteranomaly

62.7851, 0.3256, 0.3336

Tritanomaly

62.7009, 0.3006, 0.3209

Monochromacy



Original Color

62.9929, 0.3091, 0.3432

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0279, 0.3110, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9929, 0.3091, 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(196, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 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(196, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 200) }
```

Border

The CSS property to change the border of an element to Yxy 62.9929, 0.3091, 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(196, 212, 200) }
```

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

```
.border{ border-color:rgb(196, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9929, 0.3091, 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(196, 212, 200) }
```

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

```
.background{ background-color: rgb(196,  
212, 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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