

Converting Colors

$Yxy(62.7954, 0.3202, 0.3706)$

Have a look what the booklet for
Yxy(62.7954, 0.3202, 0.3706)
contains.

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Color

Yxy(62.7259, 0.3204, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	C1D6B4
RGB	193, 214, 180
RGB Percent	76%, 84%, 71%
CMY	0.2429, 0.1608, 0.2941
CMYK	0.10, 0.00, 0.16, 0.16
HSL	97°, 29%, 77%
HSV	97°, 16%, 84%
XYZ	54.2879, 62.7259, 52.4241
YIQ	203.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

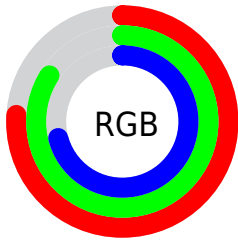
Format	Color
RYB	180, 214, 201
Decimal	12703412
CIELab	83.30, -13.16, 14.45
CIELCh	83, 19.542, 132.323
Yxy	62.7259, 0.3204, 0.3702
Android (android.graphics.Color)	4290893492 (0xFFC1D6B4)
YUV	203.8450, -11.7556, -9.5111
Hunter-Lab	79.1997, -16.2456, 16.1944

Details

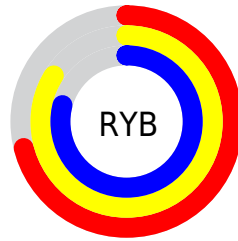
The Yxy color **62.7259, 0.3204, 0.3702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9039, 0.3038, 0.2886**, and the grayscale version is **60.3640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9001, 0.3206, 0.3475**, and **31.8175, 0.3219, 0.3811** is the 20% darker color. If you saturate the color by 10%, you get **60.2667, 0.3249, 0.3991**, and if you desaturate by 10%, it is **65.4795, 0.3156, 0.3435**.

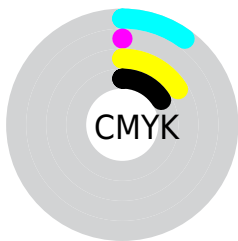
Distribution



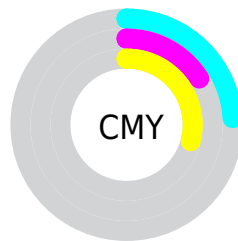
- Red (76%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (79%)



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





- Cyan (24%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7259, 0.3204, 0.3702 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 62.7259, 0.3204, 0.3702 by changing the saturation by 10% instead.

 62.7259, 0.3204,
0.3702

 62.7259, 0.3204,
0.3702


434.5740, 0.3170,
0.3502

 45.6195, 0.3211,
0.3750


 108.7740, 0.3192,
0.3630

 31.9457, 0.3220,
0.3811


138.4844, 0.3188,
0.3603

 21.3200, 0.3231,
0.3891


173.1650, 0.3184,
0.3580

 13.3581, 0.3244,
0.3999

213.2002, 0.3180,
0.3560

 7.6756, 0.3259,
0.4154

258.9743, 0.3177,
0.3543

 3.8881, 0.3277,
0.4394


310.8717, 0.3175,

 1.6112, 0.3331,


0.3527


0.4875

369.2768, 0.3172,
0.3514

 0.3651, 0.0660,
0.9340


 0.0000, 0.0000,
0.0000


 62.7259, 0.3204,
0.3702


 62.7259, 0.3204,
0.3702


 60.2667, 0.3249,
0.3991

 65.4795, 0.3156,
0.3435


 58.0836, 0.3289,
0.4298

 68.5289, 0.3107,
0.3194

 56.1685, 0.3320,
0.4613

 71.8861, 0.3059,
0.2977

 54.5097, 0.3338,
0.4923

 74.8585, 0.3081,
0.2882

■ 53.0949, 0.3340,
0.5212

■ 76.5681, 0.3146,
0.2890

■ 51.9100, 0.3324,
0.5461

■ 50.9395, 0.3289,
0.5655

■ 50.1650, 0.3239,
0.5786

■ 49.8921, 0.3217,
0.5828

Harmonies

Analogous

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



62.7259, 0.3435, 0.3722



62.7259, 0.3204, 0.3702



62.7259, 0.2959, 0.3557

Triad

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



62.7259, 0.3204, 0.3702



62.7259, 0.2684, 0.2945



62.7259, 0.3501, 0.3231

Complementary

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



62.7259, 0.3204, 0.3702



49.9039, 0.3038, 0.2886

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.



62.7259, 0.3287, 0.3043



62.7259, 0.3204, 0.3702



62.7259, 0.2817, 0.2879

Square

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



62.7259, 0.3204, 0.3702



62.7259, 0.2665, 0.3108



62.7259, 0.3035, 0.2916



62.7259, 0.3613, 0.3440

Rectangle

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



62.7259, 0.3204, 0.3702



62.7259, 0.2820, 0.3413



62.7259, 0.3035, 0.2916



62.7259, 0.3438, 0.3164

Sweetspot

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



62.7286, 0.3204, 0.3702



97.7471, 0.3152, 0.3414



59.0808, 0.3388, 0.3530



20.8561, 0.3155, 0.3432



0.0000, 0.0000, 0.0000



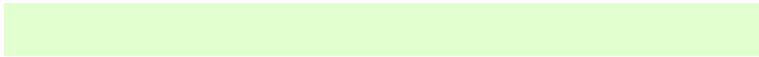
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7286, 0.3204, 0.3702



92.0374, 0.3219, 0.3795



61.2266, 0.3085, 0.3671



14.1262, 0.3173, 0.3527



30.2153, 0.3227, 0.5819



1.8693, 0.3365, 0.5710

Inverse Universe

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



49.9039, 0.3038, 0.2886



69.5264, 0.3016, 0.2797



51.6190, 0.3172, 0.2937



12.3834, 0.3077, 0.3056



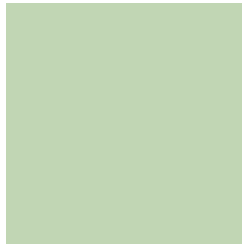
5.9500, 0.2272, 0.1025



0.4058, 0.2433, 0.1114

Previews

White Background



This preview shows how the Yxy color 62.7259, 0.3204, 0.3702 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 62.7259, 0.3204, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

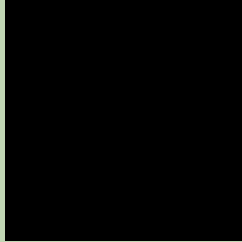
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

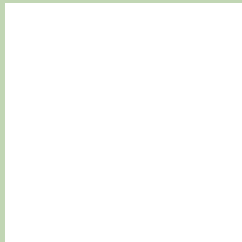
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7259, 0.3204, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 62.7259, 0.3204, 0.3702.

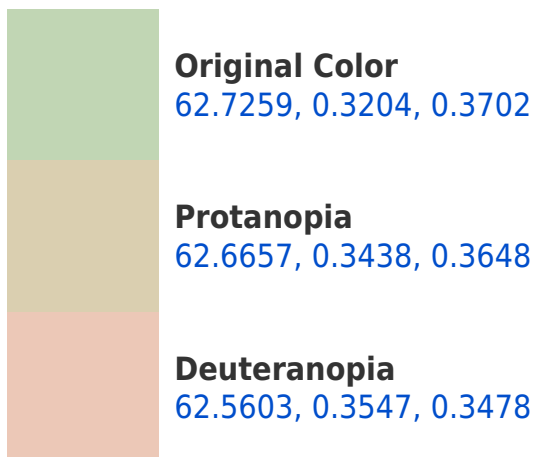


This preview shows how white text looks on a background with the Yxy color 62.7259, 0.3204, 0.3702.

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

62.7729, 0.2961, 0.3106

Trichromacy



Original Color

62.7259, 0.3204, 0.3702

Protanomaly

62.8228, 0.3353, 0.3678

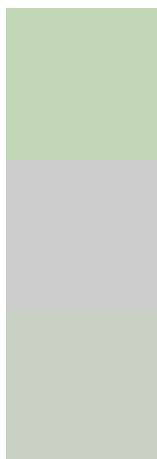
Deuteranomaly

62.2557, 0.3413, 0.3554

Tritanomaly

62.5176, 0.3045, 0.3313

Monochromacy



Original Color

62.7259, 0.3204, 0.3702

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3312, 0.3158, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7259, 0.3204, 0.3702 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(193, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(193, 214, 180)  
}
```

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(193, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 214, 180) }
```

Border

The CSS property to change the border of an element to Yxy 62.7259, 0.3204, 0.3702 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(193, 214, 180) }
```

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

```
.border{ border-color:rgb(193, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 214, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 214, 180); box-shadow:4px 4px 4px 4px rgb(193, 214, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7259, 0.3204, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 214, 180) }
```

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

```
.background{ background-color: rgb(193,  
214, 180) }
```

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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