

Converting Colors

Yxy(62.1629, 0.3190, 0.3553)

Have a look what the booklet for
Yxy(62.1629, 0.3190, 0.3553)
contains.

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Color

Yxy(62.4048, 0.3190, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	C7D3BD
RGB	199, 211, 189
RGB Percent	78%, 83%, 74%
CMY	0.2194, 0.1726, 0.2588
CMYK	0.06, 0.00, 0.10, 0.17
HSL	93°, 20%, 78%
HSV	93°, 10%, 83%
XYZ	56.0449, 62.4048, 57.2395
YIQ	204.9040, -0.0900, -9.3860

Conversions

Conversions Part 2

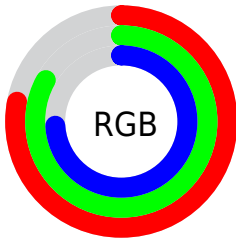
Format	Color
RYB	189, 211, 201
Decimal	13095869
CIELab	83.13, -8.00, 9.50
CIELCh	83, 12.416, 130.106
Yxy	62.4048, 0.3190, 0.3552
Android (android.graphics.Color)	4291285949 (0xFFC7D3BD)
YUV	204.9040, -7.8407, -5.1778
Hunter-Lab	78.9967, -11.6060, 12.3373

Details

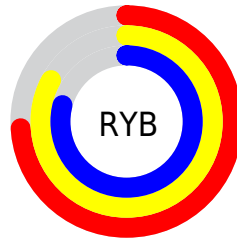
The Yxy color $62.4048, 0.3190, 0.3552$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.5103, 0.3059, 0.3029$, and the grayscale version is $61.0441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3726, 0.3185, 0.3386$, and $31.5742, 0.3201, 0.3609$ is the 20% darker color. If you saturate the color by 10%, you get $60.0482, 0.3249, 0.3826$, and if you desaturate by 10%, it is $65.0179, 0.3130, 0.3300$.

Distribution



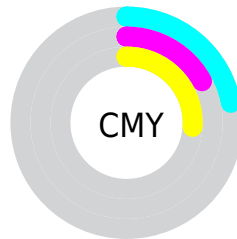
- Red (78%)
- Green (83%)
- Blue (74%)



- Red (74%)
- Yellow (83%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)





- Cyan (22%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4048, 0.3190, 0.3552 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 62.4048, 0.3190, 0.3552 by changing the saturation by 10% instead.


 62.4048, 0.3190,
0.3552

 62.4048, 0.3190,
0.3552


433.4061, 0.3161,
0.3426

 45.3599, 0.3197,
0.3582

 108.3104, 0.3180,
0.3507

 31.7410, 0.3205,
0.3620

137.9398, 0.3176,
0.3490

 21.1637, 0.3215,
0.3670


172.5328, 0.3173,
0.3475

 13.2437, 0.3228,
0.3737

212.4739, 0.3170,
0.3463

 7.5966, 0.3246,
0.3833

258.1474, 0.3167,
0.3452

 3.8379, 0.3270,
0.3980

309.9376, 0.3165,

 1.5833, 0.3305,

0.3442

0.4237

368.2291, 0.3163,
0.3433

0.3463, 0.2788,
0.7212

0.0000, 0.0000,
0.0000

62.4048, 0.3190,
0.3552

62.4048, 0.3190,
0.3552

60.0482, 0.3249,
0.3826

65.0179, 0.3130,
0.3300

57.9319, 0.3304,
0.4118

67.8874, 0.3070,
0.3071

56.0496, 0.3352,
0.4422

71.0235, 0.3013,
0.2866

54.3919, 0.3389,
0.4726

73.1907, 0.3075,
0.2851

■ 52.9488, 0.3410,
0.5016

■ 75.0628, 0.3147,
0.2861

■ 51.7090, 0.3412,
0.5278

■ 50.6601, 0.3394,
0.5494

■ 49.7879, 0.3355,
0.5654

■ 49.0956, 0.3304,
0.5759

Harmonies

Analogous

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



62.4048, 0.3334, 0.3562



62.4048, 0.3190, 0.3552



62.4048, 0.3032, 0.3467

Triad

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



62.4048, 0.3190, 0.3552



62.4048, 0.2839, 0.3077



62.4048, 0.3356, 0.3245

Complementary

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



62.4048, 0.3190, 0.3552



53.5103, 0.3059, 0.3029

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.



62.4048, 0.3218, 0.3123



62.4048, 0.3190, 0.3552



62.4048, 0.2920, 0.3026

Square

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



62.4048, 0.3190, 0.3552



62.4048, 0.2832, 0.3187



62.4048, 0.3058, 0.3044



62.4048, 0.3432, 0.3380

Rectangle

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



62.4048, 0.3190, 0.3552



62.4048, 0.2940, 0.3379



62.4048, 0.3058, 0.3044



62.4048, 0.3315, 0.3201

Sweetspot

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



62.4075, 0.3190, 0.3552



98.7381, 0.3145, 0.3364



59.1697, 0.3295, 0.3428



21.0631, 0.3150, 0.3384



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.



62.4075, 0.3190, 0.3552



94.7919, 0.3206, 0.3625



61.1091, 0.3110, 0.3549



13.4672, 0.3184, 0.3525



29.6922, 0.3315, 0.5750



1.7071, 0.3459, 0.5635

Inverse Universe

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



53.5103, 0.3059, 0.3029



77.8804, 0.3039, 0.2958



54.9120, 0.3145, 0.3044



11.7292, 0.3066, 0.3056



5.0799, 0.2116, 0.0939



0.3309, 0.2308, 0.1045

Previews

White Background



This preview shows how the Yxy color 62.4048, 0.3190, 0.3552 looks on a white background.

Color Contrast Check

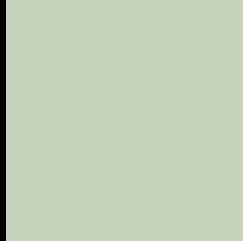
Large Text (above 18pt) WCAG AA × Fail

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 62.4048, 0.3190, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

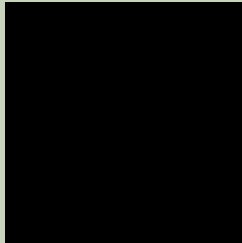
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

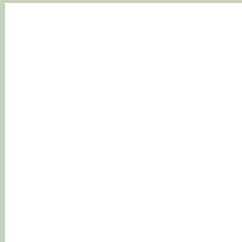
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4048, 0.3190, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 62.4048, 0.3190, 0.3552.

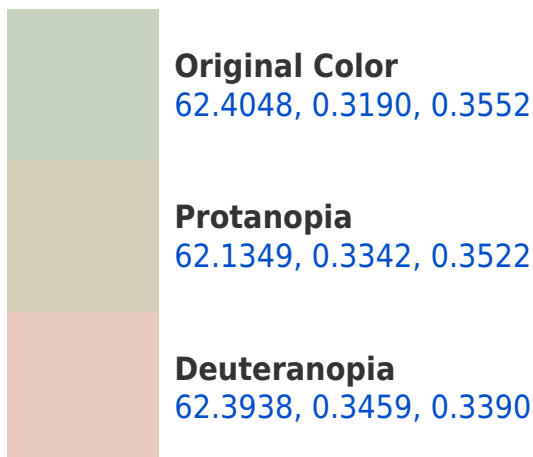


This preview shows how white text looks on a background with the Yxy color 62.4048, 0.3190, 0.3552.

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

62.2539, 0.3002, 0.3107

Trichromacy



Original Color

62.4048, 0.3190, 0.3552

Protanomaly

62.2549, 0.3284, 0.3536

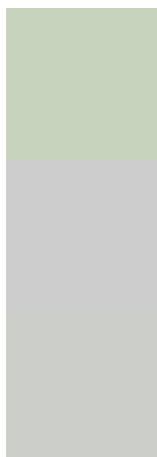
Deuteranomaly

62.2756, 0.3363, 0.3450

Tritanomaly

62.3215, 0.3069, 0.3267

Monochromacy



Original Color

62.4048, 0.3190, 0.3552

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4457, 0.3153, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4048, 0.3190, 0.3552 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(199, 211, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 189)  
}
```

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(199, 211, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 189) }
```

Border

The CSS property to change the border of an element to Yxy 62.4048, 0.3190, 0.3552 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(199, 211, 189) }
```

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

```
.border{ border-color:rgb(199, 211, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 211, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 211, 189); box-shadow:4px 4px 4px 4px rgb(199, 211, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4048, 0.3190, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 189) }
```

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

```
.background{ background-color: rgb(199,  
211, 189) }
```

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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