

Converting Colors

Yxy(62.5163, 0.3186, 0.3708)

Have a look what the booklet for
Yxy(62.5163, 0.3186, 0.3708)
contains.

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Color

Yxy(62.4648, 0.3189, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	BFD6B4
RGB	191, 214, 180
RGB Percent	75%, 84%, 71%
CMY	0.2508, 0.1608, 0.2942
CMYK	0.11, 0.00, 0.16, 0.16
HSL	100°, 29%, 77%
HSV	100°, 16%, 84%
XYZ	53.7798, 62.4648, 52.3969
YIQ	203.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

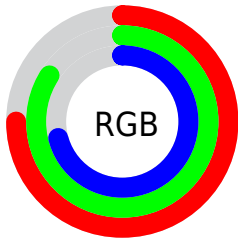
Format	Color
RYB	180, 214, 203
Decimal	12572340
CIELab	83.16, -13.86, 14.24
CIElCh	83, 19.871, 134.233
Yxy	62.4648, 0.3189, 0.3704
Android (android.graphics.Color)	4290762420 (0xFFBFD6B4)
YUV	203.2470, -11.4608, -10.7406
Hunter-Lab	79.0347, -16.8490, 16.0173

Details

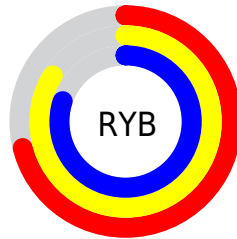
The Yxy color **62.4648, 0.3189, 0.3704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.1802, 0.3054, 0.2888**, and the grayscale version is **59.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5326, 0.3194, 0.3476**, and **31.6469, 0.3199, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **59.8805, 0.3225, 0.3997**, and if you desaturate by 10%, it is **65.3736, 0.3150, 0.3436**.

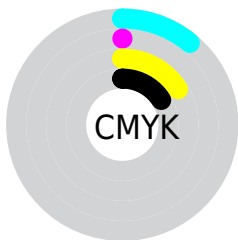
Distribution



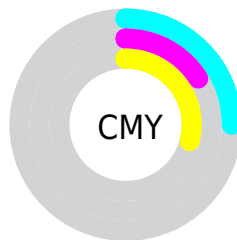
- Red (75%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4648, 0.3189, 0.3704 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 62.4648, 0.3189, 0.3704 by changing the saturation by 10% instead.

■ 62.4648, 0.3189,
0.3704

■ 62.4648, 0.3189,
0.3704

433.6245, 0.3162,
0.3502

■ 45.4084, 0.3195,
0.3753

■ 108.3970, 0.3180,
0.3632

■ 31.7792, 0.3201,
0.3814

138.0416, 0.3176,
0.3605

■ 21.1929, 0.3209,
0.3895

172.6510, 0.3173,
0.3581

■ 13.2651, 0.3218,
0.4004

212.6097, 0.3170,
0.3561

■ 7.6113, 0.3229,
0.4161

258.3019, 0.3168,
0.3544

■ 3.8473, 0.3238,
0.4405

310.1123, 0.3166,

■ 1.5885, 0.3279,

0.3528

0.4899

368.4250, 0.3164,
0.3515

0.3498, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.4648, 0.3189,
0.3704

62.4648, 0.3189,
0.3704

59.8805, 0.3225,
0.3997

65.3736, 0.3150,
0.3436

57.6012, 0.3255,
0.4309

68.6098, 0.3111,
0.3194

55.6174, 0.3277,
0.4631

72.1863, 0.3072,
0.2978

53.9161, 0.3287,
0.4950

75.4122, 0.3102,
0.2885

■ 52.4830, 0.3283,
0.5247

■ 76.5691, 0.3146,
0.2891

■ 51.3026, 0.3263,
0.5503

■ 50.3575, 0.3227,
0.5702

■ 49.6271, 0.3178,
0.5834

■ 49.3774, 0.3158,
0.5875

Harmonies

Analogous

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



62.4648, 0.3428, 0.3733



62.4648, 0.3189, 0.3704



62.4648, 0.2941, 0.3549

Triad

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



62.4648, 0.3189, 0.3704



62.4648, 0.2682, 0.2931



62.4648, 0.3519, 0.3244

Complementary

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



62.4648, 0.3189, 0.3704



50.1802, 0.3054, 0.2888

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.



62.4648, 0.3305, 0.3050



62.4648, 0.3189, 0.3704



62.4648, 0.2823, 0.2871

Square

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



62.4648, 0.3189, 0.3704



62.4648, 0.2655, 0.3092



62.4648, 0.3049, 0.2915



62.4648, 0.3624, 0.3456

Rectangle

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



62.4648, 0.3189, 0.3704



62.4648, 0.2802, 0.3400



62.4648, 0.3049, 0.2915



62.4648, 0.3457, 0.3175

Sweetspot

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



62.4675, 0.3189, 0.3704



97.6108, 0.3147, 0.3414



60.1407, 0.3384, 0.3555



20.8230, 0.3150, 0.3432



0.0000, 0.0000, 0.0000



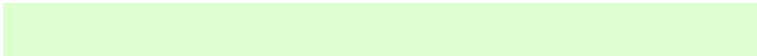
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4675, 0.3189, 0.3704



91.5823, 0.3201, 0.3798



61.3221, 0.3070, 0.3642



14.0902, 0.3164, 0.3528



29.8982, 0.3168, 0.5867



1.8475, 0.3303, 0.5760

Inverse Universe

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



50.1802, 0.3054, 0.2888



70.0197, 0.3036, 0.2800



51.5041, 0.3190, 0.2962



12.4208, 0.3086, 0.3057



6.5970, 0.2407, 0.1099



0.4418, 0.2548, 0.1177

Previews

White Background



This preview shows how the Yxy color 62.4648, 0.3189, 0.3704 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 62.4648, 0.3189, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

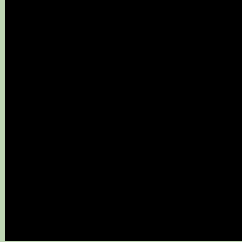
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

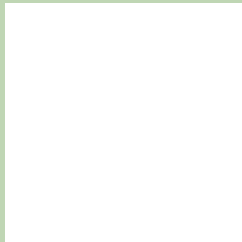
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4648, 0.3189, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 62.4648, 0.3189, 0.3704.



This preview shows how white text looks on a background with the Yxy color 62.4648, 0.3189, 0.3704.

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

62.4648, 0.3189, 0.3704

Protanopia

62.0289, 0.3432, 0.3638

Deuteranopia

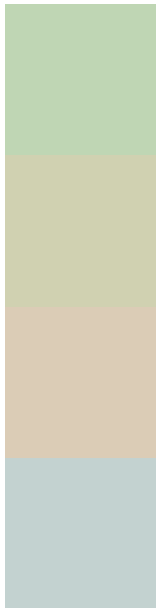
61.9279, 0.3541, 0.3468



Tritanopia

62.4993, 0.2946, 0.3105

Trichromacy



Original Color

62.4648, 0.3189, 0.3704

Protanomaly

62.1851, 0.3347, 0.3668

Deuteranomaly

61.6232, 0.3407, 0.3544

Tritanomaly

62.2494, 0.3031, 0.3313

Monochromacy



Original Color

62.4648, 0.3189, 0.3704

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.7079, 0.3151, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4648, 0.3189, 0.3704 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(191, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 180) }
```

Border

The CSS property to change the border of an element to Yxy 62.4648, 0.3189, 0.3704 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(191, 214, 180) }
```

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

```
.border{ border-color:rgb(191, 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(191, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4648, 0.3189, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 180) }
```

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

```
.background{ background-color: rgb(191,  
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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