

Converting Colors

$Yxy(62.2639, 0.3089, 0.3763)$

Have a look what the booklet for
Yxy(62.2639, 0.3089, 0.3763)
contains.

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Color

Yxy(62.2275, 0.3091, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	B1D9B3
RGB	177, 217, 179
RGB Percent	69%, 85%, 70%
CMY	0.3057, 0.1490, 0.2981
CMYK	0.18, 0.00, 0.18, 0.15
HSL	123°, 34%, 77%
HSV	123°, 18%, 85%
XYZ	51.0877, 62.2275, 51.9637
YIQ	200.7080, -11.6420, -20.2980

Conversions

Conversions Part 2

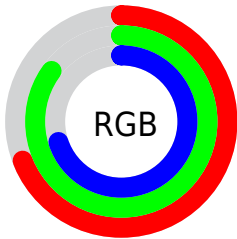
Format	Color
RYB	177, 215, 217
Decimal	11655603
CIELab	83.03, -20.34, 14.45
CIELCh	83, 24.952, 144.599
Yxy	62.2275, 0.3091, 0.3765
Android (android.graphics.Color)	4289845683 (0xFFB1D9B3)
YUV	200.7080, -10.7020, -20.7919
Hunter-Lab	78.8844, -22.4462, 16.1629

Details

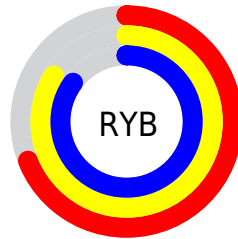
The Yxy color **62.2275, 0.3091, 0.3765** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.1209, 0.3164, 0.2857**, and the grayscale version is **58.2971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8418, 0.3105, 0.3491**, and **31.6321, 0.3080, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **59.1070, 0.3070, 0.4069**, and if you desaturate by 10%, it is **65.8835, 0.3111, 0.3493**.

Distribution



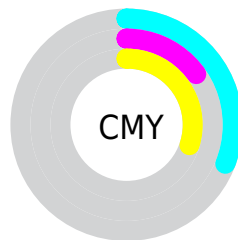
- Red (69%)
- Green (85%)
- Blue (70%)



- Red (69%)
- Yellow (84%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)





- Cyan (31%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2275, 0.3091, 0.3765 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 62.2275, 0.3091, 0.3765 by changing the saturation by 10% instead.


 62.2275, 0.3091,
0.3765

 62.2275, 0.3091,
0.3765

432.7605, 0.3112,
0.3532

 45.2166, 0.3085,
0.3822


 108.0543, 0.3099,
0.3681

 31.6280, 0.3077,
0.3894


137.6389, 0.3102,
0.3650

 21.0775, 0.3066,
0.3989


172.1835, 0.3104,
0.3623

 13.1807, 0.3049,
0.4119

212.0725, 0.3106,
0.3599

 7.5531, 0.3022,
0.4307

257.6903, 0.3108,
0.3579

 3.8103, 0.2972,
0.4602

309.4213, 0.3109,

 1.5680, 0.2914,

0.3562

0.5220

367.6499, 0.3111,
0.3546

0.3359, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.2275, 0.3091,
0.3765

62.2275, 0.3091,
0.3765

59.1070, 0.3070,
0.4069

65.8835, 0.3111,
0.3493

56.4894, 0.3049,
0.4399

70.0900, 0.3130,
0.3254

54.3508, 0.3029,
0.4744

74.8714, 0.3147,
0.3047

52.6621, 0.3012,
0.5086

78.1034, 0.3145,
0.2920

■ 51.3911, 0.2999,
0.5402

■ 50.5015, 0.2992,
0.5665

■ 49.9505, 0.2990,
0.5855

■ 49.6771, 0.2993,
0.5964

■ 49.6467, 0.2993,
0.5975

Harmonies

Analogous

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



62.2275, 0.3405, 0.3857



62.2275, 0.3091, 0.3765



62.2275, 0.2797, 0.3523

Triad

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



62.2275, 0.3091, 0.3765



62.2275, 0.2618, 0.2800



62.2275, 0.3686, 0.3320

Complementary

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



62.2275, 0.3091, 0.3765



51.1209, 0.3164, 0.2857

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.



62.2275, 0.3454, 0.3067



62.2275, 0.3091, 0.3765



62.2275, 0.2834, 0.2774

Square

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



62.2275, 0.3091, 0.3765



62.2275, 0.2534, 0.2956



62.2275, 0.3138, 0.2872



62.2275, 0.3758, 0.3578

Rectangle

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



62.2275, 0.3091, 0.3765



62.2275, 0.2650, 0.3320



62.2275, 0.3138, 0.2872



62.2275, 0.3623, 0.3232

Sweetspot

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



62.2301, 0.3091, 0.3765



96.3107, 0.3116, 0.3434



67.3472, 0.3393, 0.3747



20.5323, 0.3115, 0.3450



0.0000, 0.0000, 0.0000



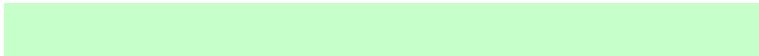
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2301, 0.3091, 0.3765



87.8958, 0.3083, 0.3877



63.0690, 0.2967, 0.3518



14.6165, 0.3109, 0.3520



30.0594, 0.2991, 0.5967



1.9511, 0.2963, 0.5867

Inverse Universe

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



51.1209, 0.3164, 0.2857



69.1054, 0.3172, 0.2766



50.1837, 0.3323, 0.3073



13.2633, 0.3145, 0.3071



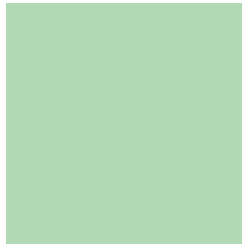
11.6437, 0.3335, 0.1611



0.7578, 0.3313, 0.1598

Previews

White Background



This preview shows how the Yxy color 62.2275, 0.3091, 0.3765 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 62.2275, 0.3091, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

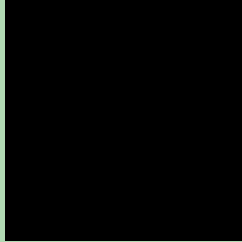
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

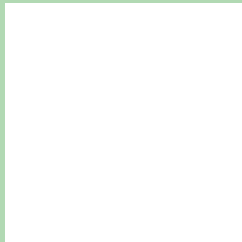
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2275, 0.3091, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 62.2275, 0.3091, 0.3765.

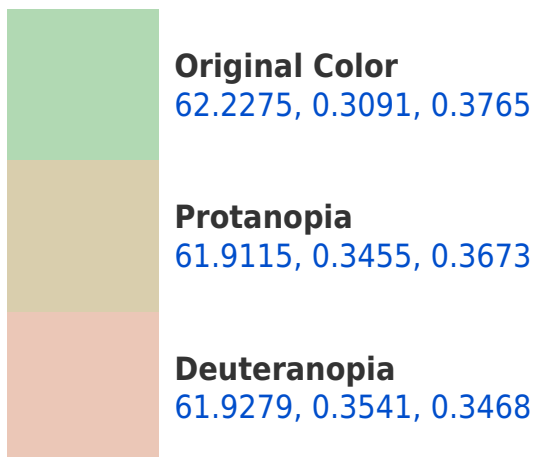


This preview shows how white text looks on a background with the Yxy color 62.2275, 0.3091, 0.3765.

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

61.9535, 0.2839, 0.3090

Trichromacy



Original Color

62.2275, 0.3091, 0.3765

Protanomaly

61.7449, 0.3313, 0.3709

Deuteranomaly

61.8162, 0.3363, 0.3569

Tritanomaly

62.1867, 0.2926, 0.3326

Monochromacy



Original Color

62.2275, 0.3091, 0.3765

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.6824, 0.3112, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2275, 0.3091, 0.3765 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(177, 217, 179)` looks like.

```
.text, #text, p{  
    color:rgb(177, 217, 179)  
}
```

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(177, 217, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 217, 179) }
```

Border

The CSS property to change the border of an element to Yxy 62.2275, 0.3091, 0.3765 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(177, 217, 179) }
```

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

```
.border{ border-color:rgb(177, 217, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 217, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 217, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 217, 179);  
box-shadow:4px 4px 4px 4px rgb(177, 217,  
179) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.2275, 0.3091, 0.3765$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 217, 179) }
```

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

```
.background{ background-color: rgb(177,  
217, 179) }
```

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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