

Converting Colors

Yxy(62.5884, 0.3168, 0.4020)

Have a look what the booklet for
Yxy(62.5884, 0.3168, 0.4020)
contains.

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Color

Yxy(62.6793, 0.3169, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	ADDCA2
RGB	173, 220, 162
RGB Percent	68%, 86%, 64%
CMY	0.3216, 0.1372, 0.3646
CMYK	0.21, 0.00, 0.26, 0.14
HSL	109°, 45%, 75%
HSV	109°, 26%, 86%
XYZ	49.3492, 62.6793, 43.6964
YIQ	199.3350, -9.3940, -28.0020

Conversions

Conversions Part 2

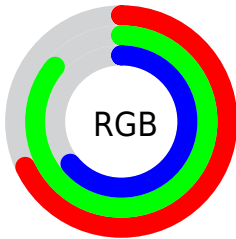
Format	Color
R _{YB}	162, 220, 209
Decimal	11394210
CIE _{Lab}	83.27, -26.03, 23.64
CIE _{LCh}	83, 35.164, 137.761
Yxy	62.6793, 0.3169, 0.4025
Android (android.graphics.Color)	4289584290 (0xFFADDCA2)
YUV	199.3350, -18.4062, -23.0958
Hunter-Lab	79.1703, -27.2834, 22.6953

Details

The Yxy color **62.6793, 0.3169, 0.4025** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.5844, 0.3062, 0.2618**, and the grayscale version is **57.4503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1878, 0.3184, 0.3681**, and **32.0291, 0.3172, 0.4230** is the 20% darker color. If you saturate the color by 10%, you get **60.0665, 0.3178, 0.4351**, and if you desaturate by 10%, it is **65.7060, 0.3155, 0.3722**.

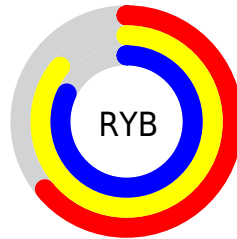
Distribution



Red (68%)

Green (86%)

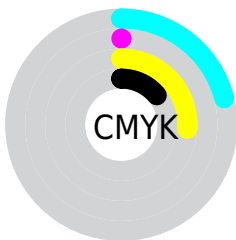
Blue (64%)



Red (64%)

Yellow (86%)

Blue (82%)

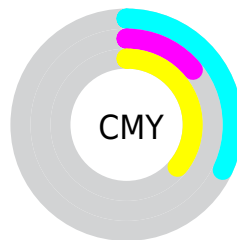


Cyan (21%)

Magenta (0%)

Yellow (26%)

Black (14%)



Cyan (32%)


Magenta (14%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6793, 0.3169, 0.4025 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 62.6793, 0.3169, 0.4025 by changing the saturation by 10% instead.


 62.6793, 0.3169,
0.4025

 62.6793, 0.3169,
0.4025


434.4047, 0.3157,
0.3661

 45.5818, 0.3169,
0.4114


 108.7067, 0.3167,
0.3894

 31.9159, 0.3168,
0.4228


 138.4054, 0.3165,
0.3844

 21.2973, 0.3164,
0.4377


173.0733, 0.3164,
0.3802

 13.3415, 0.3154,
0.4581

213.0948, 0.3162,
0.3766

 7.6641, 0.3130,
0.4875

258.8543, 0.3161,
0.3735

 3.8808, 0.3070,
0.5330

310.7362, 0.3160,

 1.6071, 0.3214,

0.3707

0.6786

369.1248, 0.3158,
0.3683

0.3624, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6793, 0.3169,
0.4025

62.6793, 0.3169,
0.4025

60.0665, 0.3178,
0.4351

65.7060, 0.3155,
0.3722

57.8418, 0.3181,
0.4690

69.1553, 0.3139,
0.3448

55.9886, 0.3176,
0.5027

73.0456, 0.3120,
0.3204

54.4862, 0.3162,
0.5339

77.3918, 0.3102,
0.2990

■ 53.3115, 0.3138,
0.5604

■ 79.6688, 0.3143,
0.2950

■ 52.4386, 0.3106,
0.5802

■ 51.8369, 0.3069,
0.5923

■ 51.6721, 0.3057,
0.5954

Harmonies

Analogous

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



62.6793, 0.3599, 0.4086



62.6793, 0.3169, 0.4025



62.6793, 0.2747, 0.3715

Triad

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



62.6793, 0.3169, 0.4025



62.6793, 0.2381, 0.2641



62.6793, 0.3858, 0.3238

Complementary

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



62.6793, 0.3169, 0.4025



44.5844, 0.3062, 0.2618

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.



62.6793, 0.3488, 0.2911



62.6793, 0.3169, 0.4025



62.6793, 0.2635, 0.2574

Square

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



62.6793, 0.3169, 0.4025



62.6793, 0.2312, 0.2885



62.6793, 0.3034, 0.2674



62.6793, 0.4017, 0.3596

Rectangle

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



62.6793, 0.3169, 0.4025



62.6793, 0.2524, 0.3426



62.6793, 0.3034, 0.2674



62.6793, 0.3753, 0.3122

Sweetspot

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



62.6820, 0.3169, 0.4025



95.7510, 0.3142, 0.3493



63.1389, 0.3555, 0.3824



20.3332, 0.3144, 0.3534



0.0000, 0.0000, 0.0000



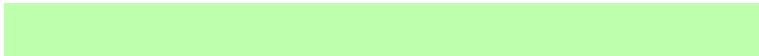
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6820, 0.3169, 0.4025



85.3482, 0.3175, 0.4216



62.1462, 0.2984, 0.3810



14.7240, 0.3144, 0.3530



30.3602, 0.3065, 0.5949



2.0022, 0.3169, 0.5866

Inverse Universe

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



44.5844, 0.3062, 0.2618



55.7129, 0.3043, 0.2462



45.3638, 0.3308, 0.2822



13.1440, 0.3108, 0.3057



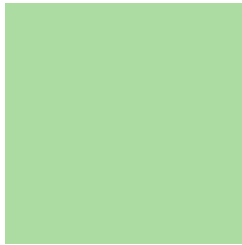
8.6635, 0.2737, 0.1282



0.5940, 0.2818, 0.1326

Previews

White Background



This preview shows how the Yxy color 62.6793, 0.3169, 0.4025 looks on a white background.

Color Contrast Check

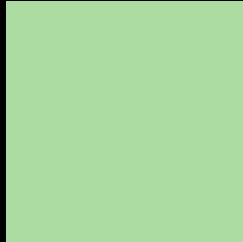
Large Text (above 18pt) WCAG AA × Fail

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 62.6793, 0.3169, 0.4025 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 62.6793, 0.3169, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 62.6793, 0.3169, 0.4025.



This preview shows how white text looks on a background with the Yxy color 62.6793, 0.3169, 0.4025.

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

62.6793, 0.3169, 0.4025

Protanopia

62.3981, 0.3612, 0.3877

Deuteranopia

62.3376, 0.3718, 0.3640



Tritanopia

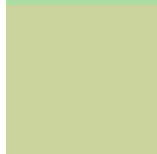
62.3803, 0.2827, 0.3090

Trichromacy



Original Color

62.6793, 0.3169, 0.4025



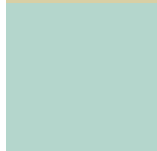
Protanomaly

62.3930, 0.3445, 0.3936



Deuteranomaly

61.9412, 0.3504, 0.3779



Tritanomaly

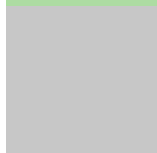
62.1561, 0.2951, 0.3411

Monochromacy



Original Color

62.6793, 0.3169, 0.4025



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

59.1180, 0.3145, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6793, 0.3169, 0.4025 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(173, 220, 162)` looks like.

```
.text, #text, p{  
    color:rgb(173, 220, 162)  
}
```

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(173, 220, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 220, 162) }
```

Border

The CSS property to change the border of an element to Yxy 62.6793, 0.3169, 0.4025 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(173, 220, 162) }
```

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

```
.border{ border-color:rgb(173, 220, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 220, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 220, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 220, 162); box-shadow:4px 4px 4px 4px rgb(173, 220, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6793, 0.3169, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 220, 162) }
```

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

```
.background{ background-color: rgb(173,  
220, 162) }
```

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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