

Converting Colors

$Yxy(62.5835, 0.3035, 0.3713)$

Have a look what the booklet for
Yxy(62.5835, 0.3035, 0.3713)
contains.

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Color

Yxy(62.6022, 0.3037, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	AEDAB8
RGB	174, 218, 184
RGB Percent	68%, 85%, 72%
CMY	0.3177, 0.1451, 0.2784
CMYK	0.20, 0.00, 0.16, 0.15
HSL	134°, 37%, 77%
HSV	134°, 20%, 85%
XYZ	51.1771, 62.6022, 54.7327
YIQ	200.9680, -15.3100, -19.9020

Conversions

Conversions Part 2

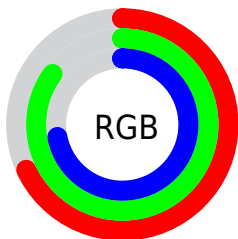
Format	Color
RYB	174, 210, 218
Decimal	11459256
CIELab	83.23, -20.96, 12.07
CIELCh	83, 24.183, 150.064
Yxy	62.6022, 0.3037, 0.3715
Android (android.graphics.Color)	4289649336 (0xFFAEDAB8)
YUV	200.9680, -8.3652, -23.6509
Hunter-Lab	79.1216, -23.0061, 14.3710

Details

The Yxy color **62.6022, 0.3037, 0.3715** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.7297, 0.3232, 0.2899**, and the grayscale version is **58.4481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6343, 0.3059, 0.3441**, and **31.8980, 0.3011, 0.3830** is the 20% darker color. If you saturate the color by 10%, you get **59.6361, 0.2994, 0.3964**, and if you desaturate by 10%, it is **66.0641, 0.3082, 0.3492**.

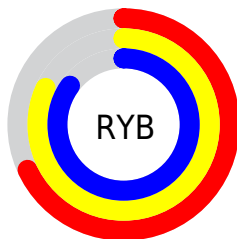
Distribution



Red (68%)

Green (85%)

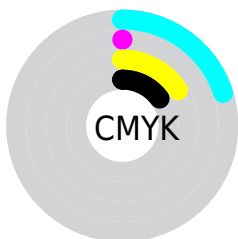
Blue (72%)



Red (68%)

Yellow (82%)

Blue (85%)

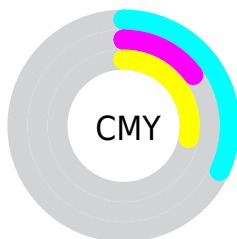


Cyan (20%)

Magenta (0%)

Yellow (16%)

Black (15%)



Cyan (32%)


Magenta (15%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6022, 0.3037, 0.3715 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 62.6022, 0.3037, 0.3715 by changing the saturation by 10% instead.

 62.6022, 0.3037,
0.3715

 62.6022, 0.3037,
0.3715

434.1243, 0.3083,
0.3507

 45.5195, 0.3025,
0.3766


 108.5954, 0.3054,
0.3640

 31.8668, 0.3010,
0.3830


138.2747, 0.3060,
0.3612

 21.2598, 0.2990,
0.3914


172.9216, 0.3065,
0.3588

 13.3140, 0.2962,
0.4029

212.9205, 0.3070,
0.3567

 7.6451, 0.2920,
0.4196

258.6558, 0.3074,
0.3549

 3.8687, 0.2849,
0.4458

310.5120, 0.3077,

 1.6004, 0.2726,

0.3533

0.4950

368.8734, 0.3080,
0.3519

0.3579, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.6022, 0.3037,
0.3715

62.6022, 0.3037,
0.3715

59.6361, 0.2994,
0.3964

66.0641, 0.3082,
0.3492

57.1353, 0.2955,
0.4235

70.0348, 0.3126,
0.3294

55.0781, 0.2923,
0.4522

74.5369, 0.3170,
0.3120

53.4380, 0.2900,
0.4817

78.3951, 0.3168,
0.2964

■ 52.1857, 0.2889,
0.5104

■ 78.6263, 0.3144,
0.2930

■ 51.2876, 0.2893,
0.5368

■ 50.7045, 0.2910,
0.5594

■ 50.3729, 0.2935,
0.5767

Harmonies

Analogous

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



62.6022, 0.3343, 0.3834



62.6022, 0.3037, 0.3715



62.6022, 0.2764, 0.3463

Triad

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



62.6022, 0.3037, 0.3715



62.6022, 0.2663, 0.2801



62.6022, 0.3693, 0.3366

Complementary

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



62.6022, 0.3037, 0.3715



49.7297, 0.3232, 0.2899

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.



62.6022, 0.3493, 0.3116



62.6022, 0.3037, 0.3715



62.6022, 0.2893, 0.2799

Square

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



62.6022, 0.3037, 0.3715



62.6022, 0.2556, 0.2931



62.6022, 0.3196, 0.2913



62.6022, 0.3731, 0.3611

Rectangle

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



62.6022, 0.3037, 0.3715



62.6022, 0.2635, 0.3266



62.6022, 0.3196, 0.2913



62.6022, 0.3642, 0.3281

Sweetspot

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



62.6048, 0.3037, 0.3715



96.4747, 0.3100, 0.3407



66.6802, 0.3357, 0.3803



20.5709, 0.3097, 0.3420



0.0000, 0.0000, 0.0000



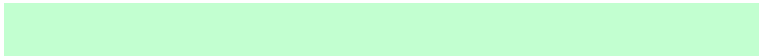
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6048, 0.3037, 0.3715



87.5030, 0.3019, 0.3812



63.5779, 0.2902, 0.3442



14.6545, 0.3085, 0.3476



30.1901, 0.2929, 0.5744



1.9691, 0.2842, 0.5432

Inverse Universe

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



49.7297, 0.3232, 0.2899



66.1105, 0.3257, 0.2819



48.7405, 0.3416, 0.3144



13.2215, 0.3172, 0.3111



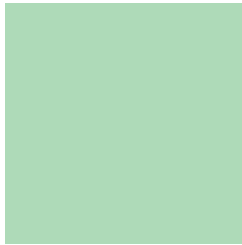
10.6504, 0.3880, 0.1911



0.7026, 0.3748, 0.1839

Previews

White Background



This preview shows how the Yxy color 62.6022, 0.3037, 0.3715 looks on a white background.

Color Contrast Check

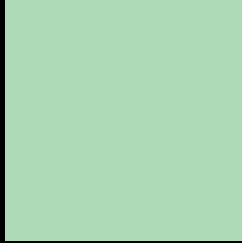
Large Text (above 18pt) WCAG AA × Fail

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 62.6022, 0.3037, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

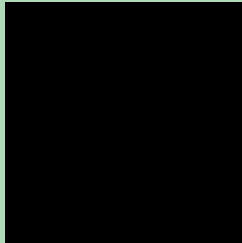
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

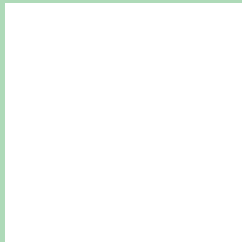
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6022, 0.3037, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 62.6022, 0.3037, 0.3715.

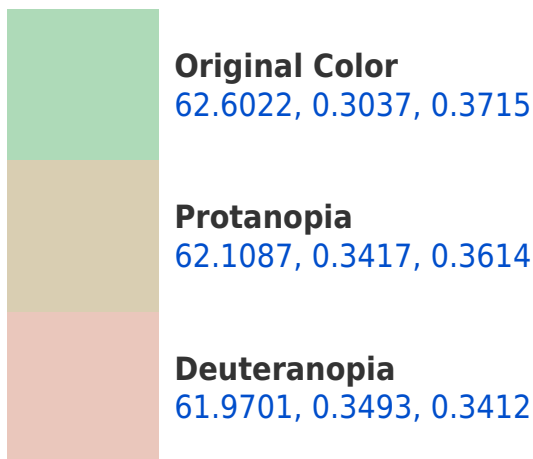


This preview shows how white text looks on a background with the Yxy color 62.6022, 0.3037, 0.3715.

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

62.6892, 0.2808, 0.3090

Trichromacy



Original Color

62.6022, 0.3037, 0.3715

Protanomaly

61.8060, 0.3269, 0.3649

Deuteranomaly

61.7275, 0.3310, 0.3512

Tritanomaly

62.4809, 0.2887, 0.3301

Monochromacy



Original Color

62.6022, 0.3037, 0.3715

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.6421, 0.3090, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6022, 0.3037, 0.3715 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(174, 218, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 184)  
}
```

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(174, 218, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 184) }
```

Border

The CSS property to change the border of an element to Yxy 62.6022, 0.3037, 0.3715 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(174, 218, 184) }
```

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

```
.border{ border-color:rgb(174, 218, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 218, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6022, 0.3037, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 184) }
```

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

```
.background{ background-color: rgb(174,  
218, 184) }
```

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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