

Converting Colors

$Yxy(63.0625, 0.3019, 0.3724)$

Have a look what the booklet for
Yxy(63.0625, 0.3019, 0.3724)
contains.

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Color

Yxy(62.9365, 0.3017, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	ACDDB9
RGB	172, 219, 185
RGB Percent	67%, 86%, 73%
CMY	0.3253, 0.1412, 0.2744
CMYK	0.21, 0.00, 0.16, 0.14
HSL	137°, 39%, 77%
HSV	137°, 21%, 86%
XYZ	51.1116, 62.9365, 55.3638
YIQ	201.0710, -17.0980, -20.5380

Conversions

Conversions Part 2

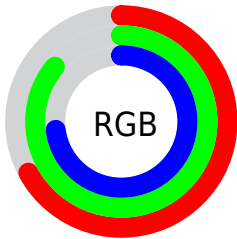
Format	Color
RYB	172, 209, 219
Decimal	11328441
CIELab	83.41, -21.89, 11.76
CIElCh	83, 24.851, 151.748
Yxy	62.9365, 0.3017, 0.3715
Android (android.graphics.Color)	4289518521 (0xFFACDBB9)
YUV	201.0710, -7.9230, -25.4953
Hunter-Lab	79.3325, -23.8298, 14.1561

Details

The Yxy color **62.9365, 0.3017, 0.3715** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.0409, 0.3259, 0.2900**, and the grayscale version is **58.5208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3649, 0.3041, 0.3431**, and **32.1388, 0.2985, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **60.0285, 0.2969, 0.3950**, and if you desaturate by 10%, it is **66.3327, 0.3068, 0.3503**.

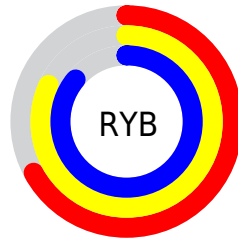
Distribution



Red (67%)

Green (86%)

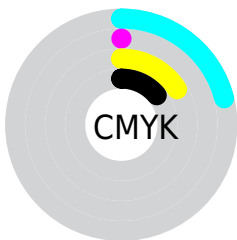
Blue (73%)



Red (67%)

Yellow (82%)

Blue (86%)

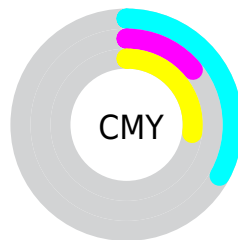


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (33%)


Magenta (14%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9365, 0.3017, 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 62.9365, 0.3017, 0.3715 by changing the saturation by 10% instead.


 62.9365, 0.3017,
0.3715

 62.9365, 0.3017,
0.3715

435.3390, 0.3072,
0.3507

 45.7898, 0.3003,
0.3766


 109.0779, 0.3037,
0.3640

 32.0800, 0.2985,
0.3830


138.8414, 0.3045,
0.3612

 21.4226, 0.2962,
0.3914


173.5794, 0.3051,
0.3588

 13.4333, 0.2929,
0.4029

213.6761, 0.3057,
0.3567

 7.7276, 0.2880,
0.4195

259.5160, 0.3061,
0.3549

 3.9211, 0.2800,
0.4457

311.4836, 0.3065,

 1.6295, 0.2657,

0.3534

0.4937

369.9631, 0.3069,
0.3520

0.3774, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.9365, 0.3017,
0.3715

62.9365, 0.3017,
0.3715

60.0285, 0.2969,
0.3950

66.3327, 0.3068,
0.3503

57.5785, 0.2925,
0.4206

70.2302, 0.3120,
0.3315

55.5647, 0.2890,
0.4477

74.6512, 0.3171,
0.3150

53.9608, 0.2866,
0.4756

78.7221, 0.3187,
0.3002

■ 52.7372, 0.2855,
0.5030

■ 79.1390, 0.3144,
0.2940

■ 51.8604, 0.2861,
0.5285

■ 51.2905, 0.2882,
0.5509

■ 50.9906, 0.2908,
0.5668

Harmonies

Analogous

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



62.9365, 0.3331, 0.3846



62.9365, 0.3017, 0.3715



62.9365, 0.2742, 0.3451

Triad

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



62.9365, 0.3017, 0.3715



62.9365, 0.2662, 0.2786



62.9365, 0.3715, 0.3383

Complementary

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



62.9365, 0.3017, 0.3715



49.0409, 0.3259, 0.2900

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.



62.9365, 0.3517, 0.3125



62.9365, 0.3017, 0.3715



62.9365, 0.2903, 0.2791

Square

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



62.9365, 0.3017, 0.3715



62.9365, 0.2545, 0.2910



62.9365, 0.3216, 0.2913



62.9365, 0.3744, 0.3632

Rectangle

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



62.9365, 0.3017, 0.3715



62.9365, 0.2615, 0.3248



62.9365, 0.3216, 0.2913



62.9365, 0.3665, 0.3295

Sweetspot

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



62.9391, 0.3017, 0.3715



96.5200, 0.3096, 0.3399



66.8294, 0.3353, 0.3839



20.5816, 0.3093, 0.3411



0.0000, 0.0000, 0.0000



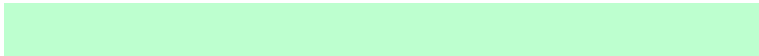
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9391, 0.3017, 0.3715



86.8064, 0.2993, 0.3825



63.9915, 0.2875, 0.3423



14.6651, 0.3078, 0.3464



30.2534, 0.2901, 0.5643



1.9744, 0.2810, 0.5316

Inverse Universe

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



49.0409, 0.3259, 0.2900



63.6221, 0.3295, 0.2809



48.0026, 0.3459, 0.3162



13.2103, 0.3180, 0.3122



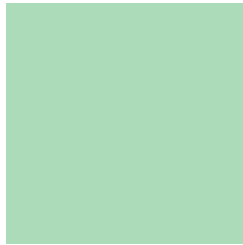
10.4231, 0.4053, 0.2006



0.6896, 0.3884, 0.1914

Previews

White Background



This preview shows how the Yxy color 62.9365, 0.3017, 0.3715 looks on a white background.

Color Contrast Check

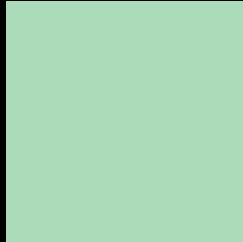
Large Text (above 18pt) WCAG AA × Fail

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 62.9365, 0.3017, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

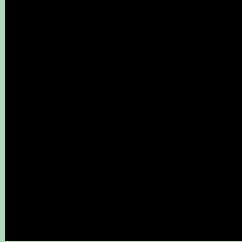
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

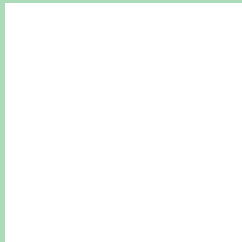
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9365, 0.3017, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 62.9365, 0.3017, 0.3715.

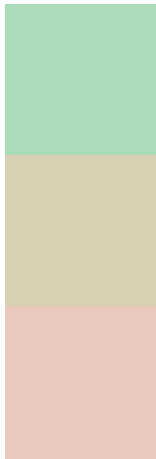


This preview shows how white text looks on a background with the Yxy color 62.9365, 0.3017, 0.3715.

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



Original Color

62.9365, 0.3017, 0.3715

Protanopia

62.6320, 0.3408, 0.3614

Deuteranopia

62.4751, 0.3483, 0.3412



Tritanopia

63.0050, 0.2790, 0.3090

Trichromacy



Original Color

62.9365, 0.3017, 0.3715

Protanomaly

62.3422, 0.3261, 0.3648

Deuteranomaly

62.1054, 0.3294, 0.3512

Tritanomaly

62.8030, 0.2869, 0.3301

Monochromacy



Original Color

62.9365, 0.3017, 0.3715

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.9990, 0.3082, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9365, 0.3017, 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(172, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 185)  
}
```

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(172, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 185) }
```

Border

The CSS property to change the border of an element to Yxy 62.9365, 0.3017, 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(172, 219, 185) }
```

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

```
.border{ border-color:rgb(172, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9365, 0.3017, 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(172, 219, 185) }
```

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

```
.background{ background-color: rgb(172,  
219, 185) }
```

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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