

Converting Colors

$Yxy(60.1444, 0.3023, 0.3752)$

Have a look what the booklet for
Yxy(60.1444, 0.3023, 0.3752)
contains.

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Color

Yxy(60.0710, 0.3021, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	A7D7B3
RGB	167, 215, 179
RGB Percent	65%, 84%, 70%
CMY	0.3449, 0.1569, 0.2980
CMYK	0.22, 0.00, 0.17, 0.16
HSL	135°, 37%, 75%
HSV	135°, 22%, 84%
XYZ	48.3803, 60.0710, 51.6953
YIQ	196.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

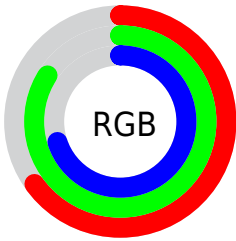
Format	Color
RYB	167, 205, 215
Decimal	10999731
CIELab	81.88, -22.66, 12.73
CIELCh	82, 25.991, 150.679
Yxy	60.0710, 0.3021, 0.3751
Android (android.graphics.Color)	4289189811 (0xFFA7D7B3)
YUV	196.5440, -8.6492, -25.9101
Hunter-Lab	77.5055, -24.2117, 14.7080

Details

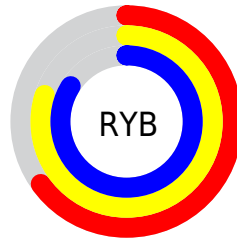
The Yxy color **60.0710, 0.3021, 0.3751** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.4127, 0.3254, 0.2869**, and the grayscale version is **55.6125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2061, 0.3044, 0.3495**, and **30.2254, 0.2990, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **57.3074, 0.2976, 0.3997**, and if you desaturate by 10%, it is **63.3054, 0.3068, 0.3529**.

Distribution



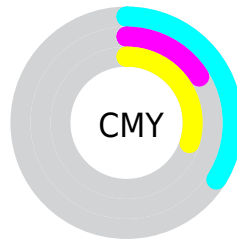
- Red (65%)
- Green (84%)
- Blue (70%)



- Red (65%)
- Yellow (80%)
- Blue (84%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)





- Cyan (34%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0710, 0.3021, 0.3751 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 60.0710, 0.3021, 0.3751 by changing the saturation by 10% instead.


 60.0710, 0.3021,
0.3751


 60.0710, 0.3021,
0.3751


424.8594, 0.3075,
0.3523

 43.4759, 0.3007,
0.3807


 104.9327, 0.3041,
0.3669

 30.2587, 0.2989,
0.3879


 133.9680, 0.3048,
0.3638

 20.0350, 0.2965,
0.3973


167.9188, 0.3055,
0.3611

 12.4205, 0.2931,
0.4103

207.1695, 0.3060,
0.3589

 7.0307, 0.2878,
0.4293

252.1046, 0.3065,
0.3569

 3.4813, 0.2791,
0.4597

303.1083, 0.3069,

 1.3879, 0.2652,

0.3552

0.5285

360.5651, 0.3072,
0.3537

■ 0.2078, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0710, 0.3021,
0.3751

■ 60.0710, 0.3021,
0.3751

■ 57.3074, 0.2976,
0.3997

■ 63.3054, 0.3068,
0.3529

■ 54.9851, 0.2936,
0.4264

■ 67.0233, 0.3116,
0.3332

■ 53.0830, 0.2904,
0.4545

■ 71.2465, 0.3163,
0.3159

■ 51.5753, 0.2882,
0.4832

■ 75.9930, 0.3209,
0.3007

■ 50.4331, 0.2874,
0.5112

■ 77.0785, 0.3145,
0.2900

■ 49.6235, 0.2881,
0.5368

■ 49.1075, 0.2901,
0.5586

■ 48.8614, 0.2923,
0.5723

Harmonies

Analogous

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



60.0710, 0.3354, 0.3884



60.0710, 0.3021, 0.3751



60.0710, 0.2727, 0.3472

Triad

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



60.0710, 0.3021, 0.3751



60.0710, 0.2627, 0.2758



60.0710, 0.3747, 0.3377

Complementary

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



60.0710, 0.3021, 0.3751



46.4127, 0.3254, 0.2869

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.



60.0710, 0.3532, 0.3106



60.0710, 0.3021, 0.3751



60.0710, 0.2878, 0.2759

Square

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



60.0710, 0.3021, 0.3751



60.0710, 0.2509, 0.2893



60.0710, 0.3208, 0.2885



60.0710, 0.3785, 0.3642

Rectangle

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



60.0710, 0.3021, 0.3751



60.0710, 0.2589, 0.3255



60.0710, 0.3208, 0.2885



60.0710, 0.3693, 0.3284

Sweetspot

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



60.0735, 0.3021, 0.3751



95.9374, 0.3093, 0.3423



64.2001, 0.3374, 0.3860



20.4632, 0.3091, 0.3435



0.0000, 0.0000, 0.0000



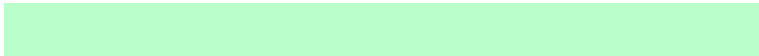
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0735, 0.3021, 0.3751



86.3053, 0.2998, 0.3870



61.0927, 0.2875, 0.3449



13.9463, 0.3082, 0.3470



29.2409, 0.2916, 0.5699



1.7771, 0.2821, 0.5356

Inverse Universe

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



46.4127, 0.3254, 0.2869



62.6036, 0.3288, 0.2773



45.3877, 0.3461, 0.3137



12.5773, 0.3175, 0.3117



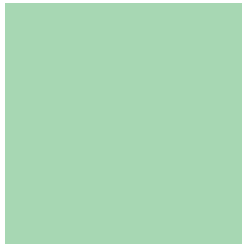
10.2055, 0.3956, 0.1953



0.6284, 0.3800, 0.1867

Previews

White Background



This preview shows how the Yxy color 60.0710, 0.3021, 0.3751 looks on a white background.

Color Contrast Check

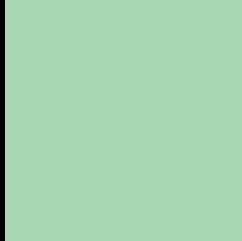
Large Text (above 18pt) WCAG AA × Fail

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 60.0710, 0.3021, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

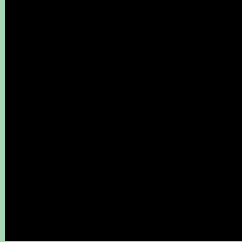
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

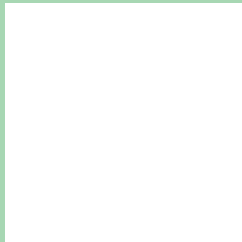
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0710, 0.3021, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 60.0710, 0.3021, 0.3751.



This preview shows how white text looks on a background with the Yxy color 60.0710, 0.3021, 0.3751.

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

60.0710, 0.3021, 0.3751

Protanopia

59.4043, 0.3430, 0.3632

Deuteranopia

59.7217, 0.3506, 0.3437



Tritanopia

60.1511, 0.2784, 0.3097

Trichromacy



Original Color

60.0710, 0.3021, 0.3751

Protanomaly

59.4566, 0.3270, 0.3681

Deuteranomaly

59.3547, 0.3312, 0.3540

Tritanomaly

59.9133, 0.2870, 0.3326

Monochromacy



Original Color

60.0710, 0.3021, 0.3751

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.3425, 0.3089, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0710, 0.3021, 0.3751 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(167, 215, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 215, 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(167, 215, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 215, 179) }
```

Border

The CSS property to change the border of an element to Yxy 60.0710, 0.3021, 0.3751 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(167, 215, 179) }
```

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

```
.border{ border-color:rgb(167, 215, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 215, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 215, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 215, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 215,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0710, 0.3021, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 215, 179) }
```

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

```
.background{ background-color: rgb(167,  
215, 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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