

Converting Colors

$Yxy(60.4804, 0.3062, 0.3733)$

Have a look what the booklet for
Yxy(60.4804, 0.3062, 0.3733)
contains.

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Color

Yxy(60.2320, 0.3063, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	ADD6B3
RGB	173, 214, 179
RGB Percent	68%, 84%, 70%
CMY	0.3218, 0.1607, 0.2981
CMYK	0.19, 0.00, 0.16, 0.16
HSL	129°, 33%, 76%
HSV	129°, 19%, 84%
XYZ	49.4083, 60.2320, 51.6666
YIQ	197.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

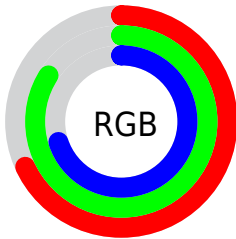
Format	Color
R_{YB}	173, 209, 214
Decimal	11392691
CIE _{Lab}	81.96, -20.23, 12.91
CIE _{LCh}	82, 23.997, 147.461
Yxy	60.2320, 0.3063, 0.3734
Android (android.graphics.Color)	4289582771 (0xFFADD6B3)
YUV	197.7510, -9.2442, -21.7066
Hunter-Lab	77.6093, -22.1780, 14.8555

Details

The Yxy color **60.2320, 0.3063, 0.3734** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.7201, 0.3199, 0.2883**, and the grayscale version is **56.3719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1762, 0.3081, 0.3493**, and **30.2957, 0.3045, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **57.2976, 0.3030, 0.4007**, and if you desaturate by 10%, it is **63.6600, 0.3097, 0.3489**.

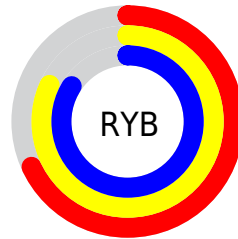
Distribution



Red (68%)

Green (84%)

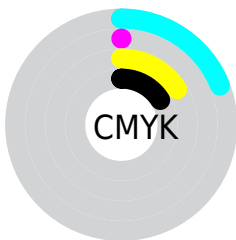
Blue (70%)



Red (68%)

Yellow (82%)

Blue (84%)

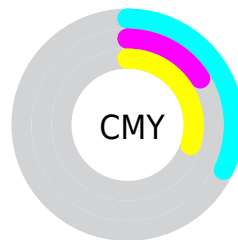


Cyan (19%)

Magenta (0%)

Yellow (16%)

Black (16%)



Cyan (32%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2320, 0.3063, 0.3734 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 60.2320, 0.3063, 0.3734 by changing the saturation by 10% instead.

 60.2320, 0.3063,
0.3734

 60.2320, 0.3063,
0.3734


425.4524, 0.3097,
0.3515

 43.6057, 0.3054,
0.3788


 105.1661, 0.3076,
0.3655

 30.3606, 0.3042,
0.3856


134.2427, 0.3080,
0.3625

 20.1125, 0.3026,
0.3946


168.2382, 0.3084,
0.3600

 12.4768, 0.3003,
0.4070

207.5369, 0.3088,
0.3578

 7.0693, 0.2967,
0.4251

252.5233, 0.3090,
0.3559

 3.5055, 0.2904,
0.4539

303.5818, 0.3093,

 1.4010, 0.2827,

0.3543

0.5178

361.0966, 0.3095,
0.3528

0.2174, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.2320, 0.3063,
0.3734

60.2320, 0.3063,
0.3734

57.2976, 0.3030,
0.4007

63.6600, 0.3097,
0.3489

54.8267, 0.2999,
0.4304

67.5950, 0.3130,
0.3274

52.7978, 0.2972,
0.4618

72.0591, 0.3161,
0.3085

51.1845, 0.2952,
0.4936

76.3897, 0.3166,
0.2919

■ 49.9578, 0.2941,
0.5240

■ 76.5812, 0.3146,
0.2891

■ 49.0845, 0.2941,
0.5510

■ 48.5261, 0.2951,
0.5726

■ 48.2222, 0.2968,
0.5879

■ 48.2028, 0.2969,
0.5888

Harmonies

Analogous

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



60.2320, 0.3370, 0.3840



60.2320, 0.3063, 0.3734



60.2320, 0.2783, 0.3489

Triad

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



60.2320, 0.3063, 0.3734



60.2320, 0.2646, 0.2805



60.2320, 0.3684, 0.3344

Complementary

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



60.2320, 0.3063, 0.3734



48.7201, 0.3199, 0.2883

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.



60.2320, 0.3471, 0.3095



60.2320, 0.3063, 0.3734



60.2320, 0.2868, 0.2792

Square

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



60.2320, 0.3063, 0.3734



60.2320, 0.2551, 0.2946



60.2320, 0.3169, 0.2897



60.2320, 0.3738, 0.3593

Rectangle

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



60.2320, 0.3063, 0.3734



60.2320, 0.2647, 0.3291



60.2320, 0.3169, 0.2897



60.2320, 0.3628, 0.3258

Sweetspot

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



60.2345, 0.3063, 0.3734



96.4007, 0.3107, 0.3419



64.6049, 0.3372, 0.3772



20.5535, 0.3105, 0.3433



0.0000, 0.0000, 0.0000



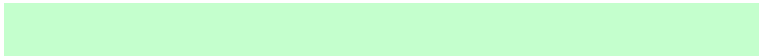
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2345, 0.3063, 0.3734



87.7097, 0.3049, 0.3841



61.1017, 0.2935, 0.3476



13.9255, 0.3096, 0.3495



29.1400, 0.2964, 0.5872



1.7673, 0.2889, 0.5601

Inverse Universe

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



48.7201, 0.3199, 0.2883



67.5744, 0.3216, 0.2795



47.7986, 0.3368, 0.3111



12.5998, 0.3160, 0.3093



10.7072, 0.3617, 0.1766



0.6546, 0.3536, 0.1722

Previews

White Background



This preview shows how the Yxy color 60.2320, 0.3063, 0.3734 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 60.2320, 0.3063, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

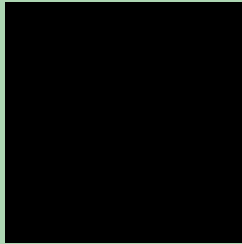
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

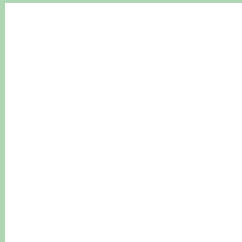
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2320, 0.3063, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 60.2320, 0.3063, 0.3734.

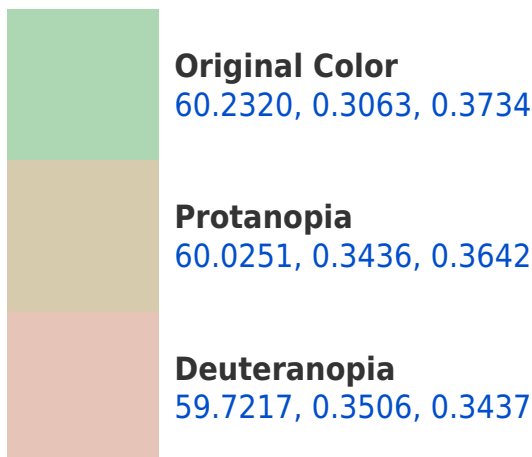


This preview shows how white text looks on a background with the Yxy color 60.2320, 0.3063, 0.3734.

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

60.3173, 0.2829, 0.3099

Trichromacy



Original Color

60.2320, 0.3063, 0.3734

Protanomaly

59.8629, 0.3294, 0.3678

Deuteranomaly

59.6446, 0.3328, 0.3539

Tritanomaly

60.1122, 0.2910, 0.3314

Monochromacy



Original Color

60.2320, 0.3063, 0.3734

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7661, 0.3104, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2320, 0.3063, 0.3734 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, 214, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 214, 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(173, 214, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 214, 179) }
```

Border

The CSS property to change the border of an element to Yxy 60.2320, 0.3063, 0.3734 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, 214, 179) }
```

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

```
.border{ border-color:rgb(173, 214, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 214, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 214, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 214, 179);  
box-shadow:4px 4px 4px 4px rgb(173, 214,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2320, 0.3063, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 214, 179) }
```

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

```
.background{ background-color: rgb(173,  
214, 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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