

Converting Colors

$Yxy(60.8837, 0.3073, 0.3650)$

Have a look what the booklet for
Yxy(60.8837, 0.3073, 0.3650)
contains.

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Color

Yxy(60.6329, 0.3074, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	B3D5B8
RGB	179, 213, 184
RGB Percent	70%, 84%, 72%
CMY	0.2980, 0.1647, 0.2785
CMYK	0.16, 0.00, 0.14, 0.16
HSL	129°, 29%, 77%
HSV	129°, 16%, 84%
XYZ	51.0366, 60.6329, 54.3571
YIQ	199.5280, -10.9550, -16.2270

Conversions

Conversions Part 2

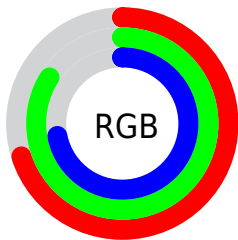
Format	Color
RYB	179, 209, 213
Decimal	11785656
CIELab	82.18, -16.80, 10.62
CIElCh	82, 19.872, 147.697
Yxy	60.6329, 0.3074, 0.3652
Android (android.graphics.Color)	4289975736 (0xFFB3D5B8)
YUV	199.5280, -7.6553, -18.0031
Hunter-Lab	77.8671, -19.2730, 13.1181

Details

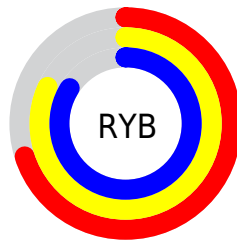
The Yxy color $60.6329, 0.3074, 0.3652$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $50.9440, 0.3185, 0.2953$, and the grayscale version is $57.5081, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4734, 0.3089, 0.3440$, and $30.5280, 0.3058, 0.3745$ is the 20% darker color. If you saturate the color by 10%, you get $57.5764, 0.3041, 0.3916$, and if you desaturate by 10%, it is $64.1845, 0.3108, 0.3417$.

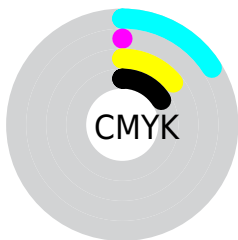
Distribution



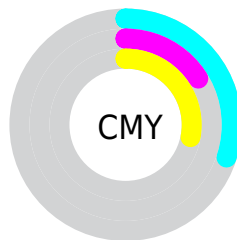
- Red (70%)
- Green (84%)
- Blue (72%)



- Red (70%)
- Yellow (82%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)




- Cyan (30%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6329, 0.3074, 0.3652 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 60.6329, 0.3074, 0.3652 by changing the saturation by 10% instead.


 60.6329, 0.3074,
0.3652

 60.6329, 0.3074,
0.3652


426.9267, 0.3102,
0.3475

 43.9290, 0.3067,
0.3695


 105.7472, 0.3084,
0.3588

 30.6147, 0.3058,
0.3750


134.9264, 0.3088,
0.3564

 20.3056, 0.3045,
0.3822


169.0328, 0.3091,
0.3544

 12.6174, 0.3027,
0.3921

208.4508, 0.3094,
0.3526

 7.1656, 0.3000,
0.4064

253.5648, 0.3096,
0.3511

 3.5659, 0.2953,
0.4291

304.7592, 0.3098,

 1.4338, 0.2876,

0.3497

0.4729

362.4184, 0.3100,
0.3485

0.2414, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.6329, 0.3074,
0.3652

60.6329, 0.3074,
0.3652

57.5764, 0.3041,
0.3916

64.1845, 0.3108,
0.3417

54.9857, 0.3009,
0.4206

68.2437, 0.3140,
0.3210

52.8401, 0.2980,
0.4516

72.8323, 0.3171,
0.3030

51.1142, 0.2958,
0.4834

76.0706, 0.3146,
0.2881

■ 49.7802, 0.2944,
0.5145

■ 48.8070, 0.2940,
0.5428

■ 48.1583, 0.2947,
0.5663

■ 47.7900, 0.2963,
0.5836

■ 47.6909, 0.2969,
0.5889

Harmonies

Analogous

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



60.6329, 0.3328, 0.3741



60.6329, 0.3074, 0.3652



60.6329, 0.2841, 0.3453

Triad

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



60.6329, 0.3074, 0.3652



60.6329, 0.2729, 0.2887



60.6329, 0.3587, 0.3340

Complementary

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



60.6329, 0.3074, 0.3652



50.9440, 0.3185, 0.2953

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.



60.6329, 0.3414, 0.3130



60.6329, 0.3074, 0.3652



60.6329, 0.2915, 0.2874

Square

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



60.6329, 0.3074, 0.3652



60.6329, 0.2647, 0.3006



60.6329, 0.3165, 0.2963



60.6329, 0.3631, 0.3547

Rectangle

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



60.6329, 0.3074, 0.3652



60.6329, 0.2727, 0.3291



60.6329, 0.3165, 0.2963



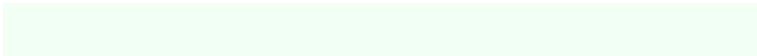
60.6329, 0.3542, 0.3268

Sweetspot

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



60.6355, 0.3074, 0.3652



96.9805, 0.3111, 0.3397



64.3238, 0.3330, 0.3688



20.6704, 0.3108, 0.3412



0.0000, 0.0000, 0.0000



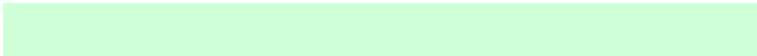
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6355, 0.3074, 0.3652



89.5584, 0.3063, 0.3734



61.3703, 0.2966, 0.3442



13.9254, 0.3096, 0.3495



29.1397, 0.2964, 0.5872



1.7673, 0.2890, 0.5602

Inverse Universe

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



50.9440, 0.3185, 0.2953



72.4384, 0.3199, 0.2883



50.1716, 0.3321, 0.3143



12.5999, 0.3160, 0.3093



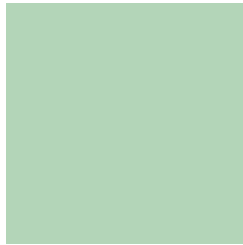
10.7095, 0.3616, 0.1766



0.6547, 0.3535, 0.1721

Previews

White Background



This preview shows how the Yxy color 60.6329, 0.3074, 0.3652 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 60.6329, 0.3074, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

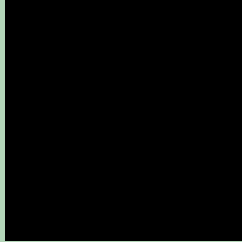
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

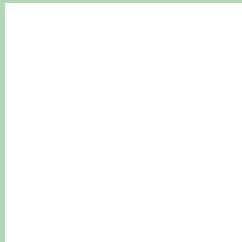
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6329, 0.3074, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 60.6329, 0.3074, 0.3652.



This preview shows how white text looks on a background with the Yxy color 60.6329, 0.3074, 0.3652.

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

60.6329, 0.3074, 0.3652

Protanopia

60.1127, 0.3383, 0.3572

Deuteranopia

60.3434, 0.3472, 0.3403



Tritanopia

60.4466, 0.2862, 0.3089

Trichromacy



Original Color

60.6329, 0.3074, 0.3652

Protanomaly

60.3794, 0.3266, 0.3602

Deuteranomaly

60.1059, 0.3314, 0.3490

Tritanomaly

60.2717, 0.2938, 0.3289

Monochromacy



Original Color

60.6329, 0.3074, 0.3652

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7642, 0.3106, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6329, 0.3074, 0.3652 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(179, 213, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 213, 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(179, 213, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 213, 184) }
```

Border

The CSS property to change the border of an element to Yxy 60.6329, 0.3074, 0.3652 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(179, 213, 184) }
```

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

```
.border{ border-color:rgb(179, 213, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 213, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 213, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 213, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 213,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6329, 0.3074, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 213, 184) }
```

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

```
.background{ background-color: rgb(179,  
213, 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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