

Converting Colors

$Yxy(60.7400, 0.3076, 0.3509)$

Have a look what the booklet for
Yxy(60.7400, 0.3076, 0.3509)
contains.

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Color

Yxy(61.0036, 0.3073, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	BBD3C1
RGB	187, 211, 193
RGB Percent	73%, 83%, 76%
CMY	0.2665, 0.1726, 0.2431
CMYK	0.11, 0.00, 0.09, 0.17
HSL	135°, 21%, 78%
HSV	135°, 11%, 83%
XYZ	53.4238, 61.0036, 59.4216
YIQ	201.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

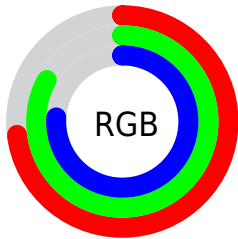
Format	Color
RYB	187, 206, 211
Decimal	12309441
CIELab	82.38, -11.42, 6.18
CIELCh	82, 12.983, 151.566
Yxy	61.0036, 0.3073, 0.3509
Android (android.graphics.Color)	4290499521 (0xFFBBD3C1)
YUV	201.7720, -4.3246, -12.9550
Hunter-Lab	78.1048, -14.5892, 9.5660

Details

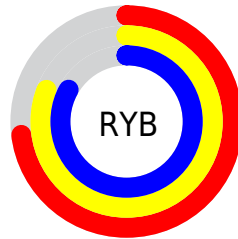
The Yxy color **61.0036, 0.3073, 0.3509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8181, 0.3186, 0.3080**, and the grayscale version is **58.9515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4142, 0.3087, 0.3348**, and **30.7387, 0.3057, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **57.8672, 0.3026, 0.3728**, and if you desaturate by 10%, it is **64.6119, 0.3121, 0.3314**.

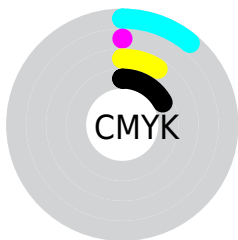
Distribution



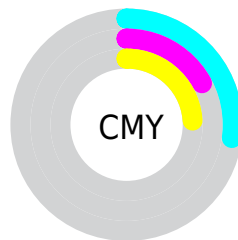
- Red (73%)
- Green (83%)
- Blue (76%)



- Red (73%)
- Yellow (81%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)




- Cyan (27%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0036, 0.3073, 0.3509 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 61.0036, 0.3073, 0.3509 by changing the saturation by 10% instead.


 61.0036, 0.3073,
0.3509

 61.0036, 0.3073,
0.3509

428.2872, 0.3100,
0.3403

 44.2281, 0.3066,
0.3535

 106.2841, 0.3083,
0.3471

 30.8499, 0.3058,
0.3567


135.5580, 0.3086,
0.3457

 20.4845, 0.3047,
0.3609


169.7667, 0.3089,
0.3444

 12.7477, 0.3032,
0.3667

209.2946, 0.3092,
0.3434

 7.2551, 0.3010,
0.3750

254.5263, 0.3094,
0.3425

 3.6221, 0.2975,
0.3879

305.8460, 0.3096,

 1.4645, 0.2910,

0.3416

0.4108

363.6382, 0.3098,
0.3409

0.2636, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.0036, 0.3073,
0.3509

61.0036, 0.3073,
0.3509

57.8672, 0.3026,
0.3728

64.6119, 0.3121,
0.3314

55.1756, 0.2980,
0.3972

68.7025, 0.3168,
0.3143

52.9106, 0.2940,
0.4236

73.2952, 0.3213,
0.2994

51.0499, 0.2907,
0.4517

75.0640, 0.3147,
0.2861

■ 49.5689, 0.2884,
0.4803

■ 48.4406, 0.2874,
0.5084

■ 47.6338, 0.2879,
0.5343

■ 47.1122, 0.2899,
0.5565

■ 46.8375, 0.2923,
0.5721

Harmonies

Analogous

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



61.0036, 0.3240, 0.3578



61.0036, 0.3073, 0.3509



61.0036, 0.2924, 0.3377

Triad

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



61.0036, 0.3073, 0.3509



61.0036, 0.2878, 0.3020



61.0036, 0.3434, 0.3345

Complementary

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



61.0036, 0.3073, 0.3509



53.8181, 0.3186, 0.3080

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.



61.0036, 0.3332, 0.3203



61.0036, 0.3073, 0.3509



61.0036, 0.3009, 0.3018

Square

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



61.0036, 0.3073, 0.3509



61.0036, 0.2813, 0.3093



61.0036, 0.3175, 0.3085



61.0036, 0.3451, 0.3477

Rectangle

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



61.0036, 0.3073, 0.3509



61.0036, 0.2853, 0.3273



61.0036, 0.3175, 0.3085



61.0036, 0.3409, 0.3297

Sweetspot

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



61.0062, 0.3073, 0.3509



98.2135, 0.3113, 0.3346



63.2108, 0.3252, 0.3572



20.9220, 0.3109, 0.3361



0.0000, 0.0000, 0.0000



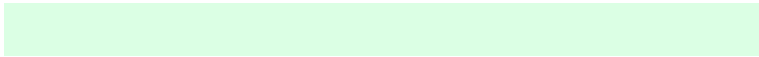
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0062, 0.3073, 0.3509



92.2393, 0.3060, 0.3568



61.5439, 0.2996, 0.3366



13.2539, 0.3082, 0.3469



28.2831, 0.2916, 0.5697



1.5944, 0.2814, 0.5329

Inverse Universe

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



53.8181, 0.3186, 0.3080



78.7396, 0.3202, 0.3027



53.2789, 0.3278, 0.3215



11.9566, 0.3175, 0.3117



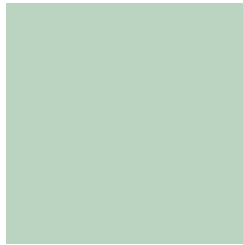
9.8728, 0.3954, 0.1952



0.5643, 0.3789, 0.1861

Previews

White Background



This preview shows how the Yxy color 61.0036, 0.3073, 0.3509 looks on a white background.

Color Contrast Check

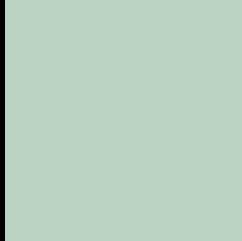
Large Text (above 18pt) WCAG AA × Fail

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 61.0036, 0.3073, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

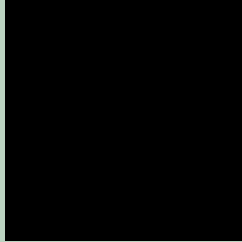
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

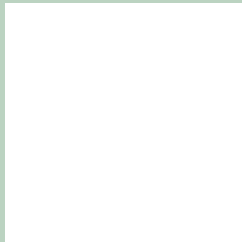
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0036, 0.3073, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 61.0036, 0.3073, 0.3509.

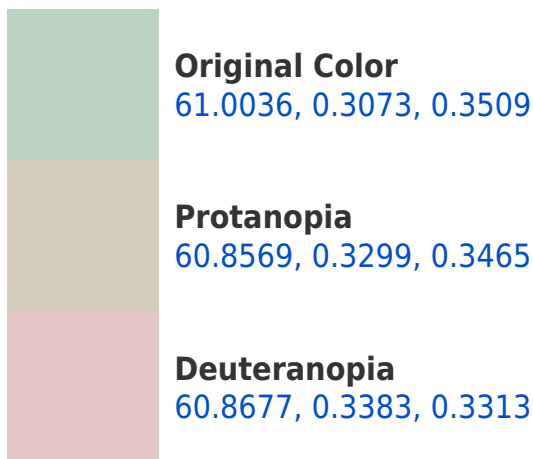


This preview shows how white text looks on a background with the Yxy color 61.0036, 0.3073, 0.3509.

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

61.1598, 0.2910, 0.3103

Trichromacy



Original Color

61.0036, 0.3073, 0.3509

Protanomaly

61.0399, 0.3217, 0.3492

Deuteranomaly

60.7981, 0.3263, 0.3383

Tritanomaly

60.8124, 0.2968, 0.3242

Monochromacy



Original Color

61.0036, 0.3073, 0.3509

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.6565, 0.3109, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0036, 0.3073, 0.3509 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(187, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 211, 193)  
}
```

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(187, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 211, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.0036, 0.3073, 0.3509 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(187, 211, 193) }
```

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

```
.border{ border-color:rgb(187, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 211,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0036, 0.3073, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 211, 193) }
```

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

```
.background{ background-color: rgb(187,  
211, 193) }
```

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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