

Converting Colors

$Yxy(73.9174, 0.3182, 0.3623)$

Have a look what the booklet for
Yxy(73.9174, 0.3182, 0.3623)
contains.

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Color

Yxy(73.9104, 0.3181, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	D2E5C8
RGB	210, 229, 200
RGB Percent	82%, 90%, 78%
CMY	0.1765, 0.1019, 0.2158
CMYK	0.08, 0.00, 0.13, 0.10
HSL	99°, 36%, 84%
HSV	99°, 13%, 90%
XYZ	65.0191, 73.9104, 65.4688
YIQ	220.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

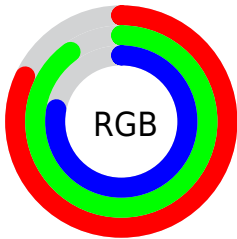
Format	Color
R_{YB}	200, 229, 219
Decimal	13821384
CIE _{Lab}	88.88, -11.51, 12.02
CIE _{LCh}	89, 16.644, 133.755
Y _{xy}	73.9104, 0.3181, 0.3616
Android (android.graphics.Color)	4292011464 (0xFFD2E5C8)
YUV	220.0130, -9.8664, -8.7814
Hunter-Lab	85.9712, -15.4519, 15.0293

Details

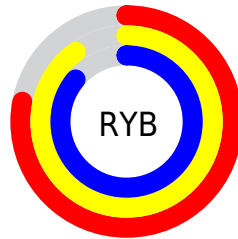
The Yxy color **73.9104, 0.3181, 0.3616** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.0158, 0.3066, 0.2971**, and the grayscale version is **71.6509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3160, 0.3188, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **70.8223, 0.3221, 0.3902**, and if you desaturate by 10%, it is **77.3717, 0.3139, 0.3355**.

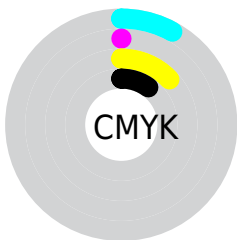
Distribution



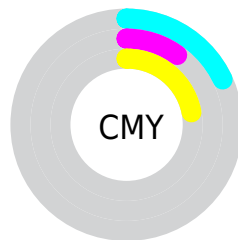
- Red (82%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)





- Cyan (18%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9104, 0.3181, 0.3616 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 73.9104, 0.3181, 0.3616 by changing the saturation by 10% instead.

 73.9104, 0.3181,
0.3616

 73.9104, 0.3181,
0.3616

474.1641, 0.3158,
0.3463

 54.7207, 0.3186,
0.3652


124.7688, 0.3173,
0.3562

 39.1782, 0.3192,
0.3696

157.2063, 0.3170,
0.3541

 26.8983, 0.3199,
0.3753


194.8285, 0.3167,
0.3524

 17.4969, 0.3208,
0.3828

238.0198, 0.3165,
0.3508

 10.5894, 0.3219,
0.3933

287.1646, 0.3163,
0.3495

 5.7915, 0.3232,
0.4087


342.6473, 0.3161,


 2.7187, 0.3245,


0.3483


404.8524, 0.3159,
0.3472

0.4336


 0.9867, 0.3494,
0.5276


 0.0000, 0.0000,
0.0000


 73.9104, 0.3181,
0.3616


 73.9104, 0.3181,
0.3616


 70.8223, 0.3221,
0.3902


 77.3717, 0.3139,
0.3355


 68.0850, 0.3257,
0.4208

 81.2087, 0.3096,
0.3121

 65.6882, 0.3285,
0.4528

 84.5233, 0.3139,
0.3039

 63.6174, 0.3301,
0.4848

 84.5239, 0.3139,
0.3039

■ 61.8571, 0.3304,
0.5152

■ 60.3900, 0.3290,
0.5421

■ 59.1971, 0.3259,
0.5637

■ 58.2564, 0.3213,
0.5788

■ 57.7060, 0.3174,
0.5862

Harmonies

Analogous

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



73.9104, 0.3369, 0.3639



73.9104, 0.3181, 0.3616



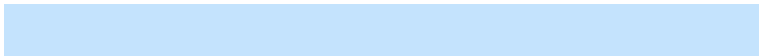
73.9104, 0.2983, 0.3496

Triad

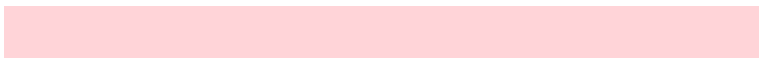
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9104, 0.3181, 0.3616



73.9104, 0.2771, 0.3007



73.9104, 0.3435, 0.3252

Complementary

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



73.9104, 0.3181, 0.3616



62.0158, 0.3066, 0.2971

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.



73.9104, 0.3266, 0.3096



73.9104, 0.3181, 0.3616



73.9104, 0.2884, 0.2956

Square

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



73.9104, 0.3181, 0.3616



73.9104, 0.2751, 0.3138



73.9104, 0.3063, 0.2989



73.9104, 0.3519, 0.3422

Rectangle

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



73.9104, 0.3181, 0.3616



73.9104, 0.2872, 0.3380



73.9104, 0.3063, 0.2989



73.9104, 0.3386, 0.3197

Sweetspot

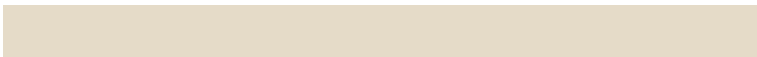
The Sweet Spot groups the original color and five complimentary colors.



73.9136, 0.3181, 0.3616



98.1151, 0.3144, 0.3389



71.4128, 0.3330, 0.3496



20.9267, 0.3148, 0.3408



0.0000, 0.0000, 0.0000



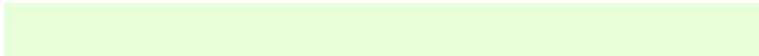
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9136, 0.3181, 0.3616



93.3305, 0.3191, 0.3683



72.6959, 0.3084, 0.3572



16.3296, 0.3167, 0.3529



33.0505, 0.3184, 0.5854



2.4924, 0.3297, 0.5764

Inverse Universe

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



62.0158, 0.3066, 0.2971



75.5598, 0.3053, 0.2907



63.3757, 0.3173, 0.3024



14.3534, 0.3083, 0.3054



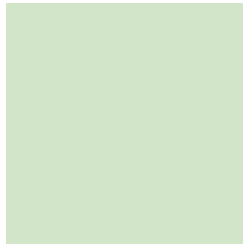
7.0113, 0.2359, 0.1073



0.5691, 0.2484, 0.1142

Previews

White Background



This preview shows how the Yxy color 73.9104, 0.3181, 0.3616 looks on a white background.

Color Contrast Check

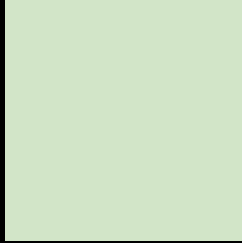
Large Text (above 18pt) WCAG AA × Fail

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 73.9104, 0.3181, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

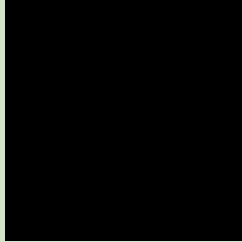
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

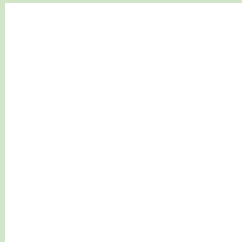
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9104, 0.3181, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 73.9104, 0.3181, 0.3616.

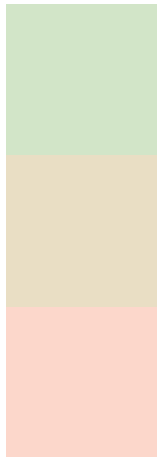


This preview shows how white text looks on a background with the Yxy color 73.9104, 0.3181, 0.3616.

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

73.9104, 0.3181, 0.3616

Protanopia

73.5517, 0.3383, 0.3571

Deuteranopia

73.6081, 0.3489, 0.3414



Tritanopia

73.7252, 0.2965, 0.3097

Trichromacy



Original Color

73.9104, 0.3181, 0.3616

Protanomaly

73.8892, 0.3313, 0.3597

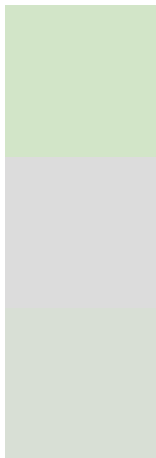
Deuteranomaly

73.4552, 0.3374, 0.3482

Tritanomaly

73.6376, 0.3045, 0.3279

Monochromacy



Original Color

73.9104, 0.3181, 0.3616

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1784, 0.3143, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9104, 0.3181, 0.3616 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(210, 229, 200)` looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 200)  
}
```

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(210, 229, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 200) }
```

Border

The CSS property to change the border of an element to Yxy 73.9104, 0.3181, 0.3616 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(210, 229, 200) }
```

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

```
.border{ border-color:rgb(210, 229, 200) }
```

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

Here you see how a box with a 4 pixel rgb(210, 229, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 229, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 229, 200);  
box-shadow:4px 4px 4px 4px rgb(210, 229,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9104, 0.3181, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 200) }
```

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

```
.background{ background-color: rgb(210,  
229, 200) }
```

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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