

Converting Colors

Yxy(74.0884, 0.3180, 0.3666)

Have a look what the booklet for
Yxy(74.0884, 0.3180, 0.3666)
contains.

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Color

Yxy(73.8902, 0.3178, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	CFE6C5
RGB	207, 230, 197
RGB Percent	81%, 90%, 77%
CMY	0.1883, 0.0980, 0.2273
CMYK	0.10, 0.00, 0.14, 0.10
HSL	102°, 40%, 84%
HSV	102°, 14%, 90%
XYZ	64.1068, 73.8902, 63.7235
YIQ	219.3610, -3.1150, -15.1390

Conversions

Conversions Part 2

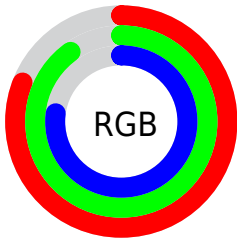
Format	Color
RYB	197, 230, 220
Decimal	13625029
CIELab	88.87, -13.54, 13.52
CIELCh	89, 19.133, 135.044
Yxy	73.8902, 0.3178, 0.3663
Android (android.graphics.Color)	4291815109 (0xFFCFE6C5)
YUV	219.3610, -11.0240, -10.8406
Hunter-Lab	85.9594, -17.3073, 16.2187

Details

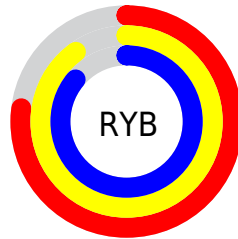
The Yxy color **73.8902, 0.3178, 0.3663** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.8827, 0.3068, 0.2928**, and the grayscale version is **71.1834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **39.0276, 0.3194, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **70.7219, 0.3211, 0.3955**, and if you desaturate by 10%, it is **77.4608, 0.3143, 0.3397**.

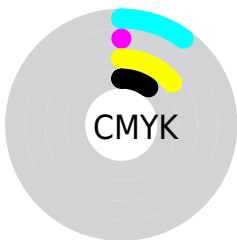
Distribution



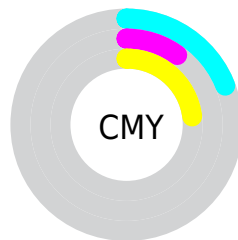
- Red (81%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)




- Cyan (19%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8902, 0.3178, 0.3663 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 73.8902, 0.3178, 0.3663 by changing the saturation by 10% instead.


 73.8902, 0.3178,
0.3663

 73.8902, 0.3178,
0.3663


474.0943, 0.3157,
0.3487

 54.7042, 0.3182,
0.3704


124.7401, 0.3171,
0.3601

 39.1649, 0.3188,
0.3755


157.1729, 0.3168,
0.3577

 26.8881, 0.3194,
0.3821

194.7899, 0.3166,
0.3557

 17.4892, 0.3201,
0.3908

237.9757, 0.3163,
0.3539

 10.5839, 0.3209,
0.4029

287.1147, 0.3161,
0.3524

 5.7878, 0.3217,
0.4208

342.5912, 0.3160,

 2.7165, 0.3221,

0.3510

0.4498

404.7896, 0.3158,
0.3498

0.9856, 0.3520,
0.5755

0.0000, 0.0000,
0.0000

73.8902, 0.3178,
0.3663

73.8902, 0.3178,
0.3663

70.7219, 0.3211,
0.3955

77.4608, 0.3143,
0.3397

67.9323, 0.3238,
0.4268

81.4378, 0.3107,
0.3158

65.5092, 0.3258,
0.4594

85.0772, 0.3138,
0.3049

63.4366, 0.3267,
0.4919

■ 61.6968, 0.3263,
0.5224

■ 60.2706, 0.3243,
0.5491

■ 59.1364, 0.3209,
0.5699

■ 58.2692, 0.3162,
0.5839

■ 57.8791, 0.3135,
0.5893

Harmonies

Analogous

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



73.8902, 0.3396, 0.3694



73.8902, 0.3178, 0.3663



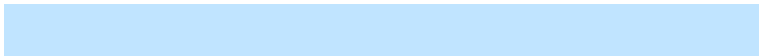
73.8902, 0.2952, 0.3520

Triad

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



73.8902, 0.3178, 0.3663



73.8902, 0.2723, 0.2961



73.8902, 0.3488, 0.3254

Complementary

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



73.8902, 0.3178, 0.3663



60.8827, 0.3068, 0.2928

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.



73.8902, 0.3296, 0.3075



73.8902, 0.3178, 0.3663



73.8902, 0.2855, 0.2907

Square

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



73.8902, 0.3178, 0.3663



73.8902, 0.2695, 0.3106



73.8902, 0.3063, 0.2950



73.8902, 0.3580, 0.3448

Rectangle

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



73.8902, 0.3178, 0.3663



73.8902, 0.2827, 0.3384



73.8902, 0.3063, 0.2950



73.8902, 0.3432, 0.3190

Sweetspot

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



73.8934, 0.3178, 0.3663



98.0349, 0.3142, 0.3389



71.8143, 0.3357, 0.3536



20.9064, 0.3144, 0.3408



0.0000, 0.0000, 0.0000



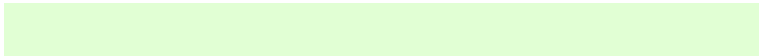
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8934, 0.3178, 0.3663



92.2217, 0.3187, 0.3741



72.7869, 0.3072, 0.3599



16.2990, 0.3161, 0.3530



32.8217, 0.3144, 0.5885



2.4726, 0.3254, 0.5799

Inverse Universe

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



60.8827, 0.3068, 0.2928



72.9934, 0.3054, 0.2855



62.1497, 0.3188, 0.2999



14.3854, 0.3090, 0.3055



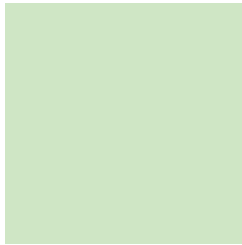
7.5642, 0.2460, 0.1129



0.6069, 0.2572, 0.1190

Previews

White Background



This preview shows how the Yxy color 73.8902, 0.3178, 0.3663 looks on a white background.

Color Contrast Check

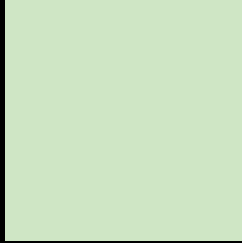
Large Text (above 18pt) WCAG AA × Fail

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 73.8902, 0.3178, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

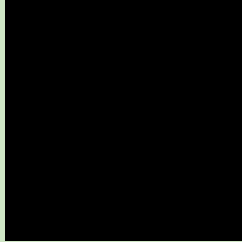
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

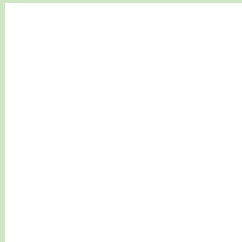
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8902, 0.3178, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 73.8902, 0.3178, 0.3663.

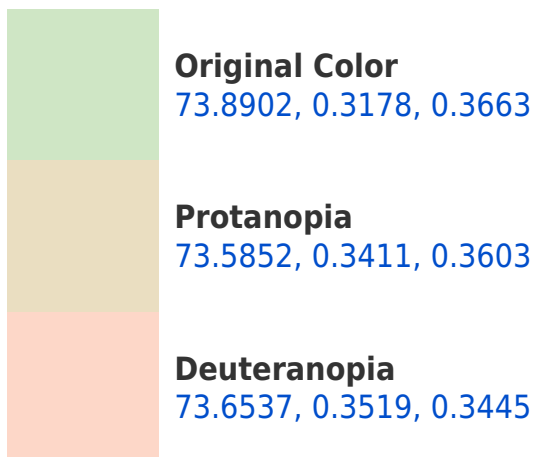


This preview shows how white text looks on a background with the Yxy color 73.8902, 0.3178, 0.3663.

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

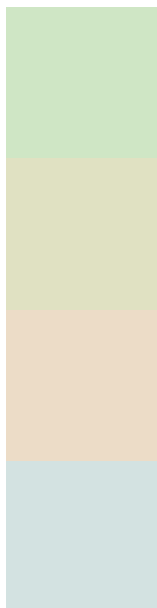




Tritanopia

73.9583, 0.2952, 0.3107

Trichromacy



Original Color

73.8902, 0.3178, 0.3663

Protanomaly

73.5928, 0.3325, 0.3631

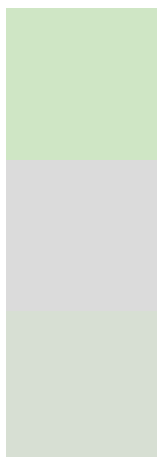
Deuteranomaly

73.1428, 0.3388, 0.3515

Tritanomaly

73.6778, 0.3031, 0.3301

Monochromacy



Original Color

73.8902, 0.3178, 0.3663

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9256, 0.3149, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8902, 0.3178, 0.3663 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(207, 230, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 230, 197)  
}
```

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(207, 230, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 230, 197) }
```

Border

The CSS property to change the border of an element to Yxy 73.8902, 0.3178, 0.3663 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(207, 230, 197) }
```

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

```
.border{ border-color:rgb(207, 230, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 230, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 230, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 230, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 230,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8902, 0.3178, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 230, 197) }
```

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

```
.background{ background-color: rgb(207,  
230, 197) }
```

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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