

Converting Colors

$Yxy(72.7852, 0.3188, 0.3698)$

Have a look what the booklet for
Yxy(72.7852, 0.3188, 0.3698)
contains.

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Color

Yxy(72.8680, 0.3191, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	CDE5C1
RGB	205, 229, 193
RGB Percent	80%, 90%, 76%
CMY	0.1959, 0.1020, 0.2432
CMYK	0.10, 0.00, 0.16, 0.10
HSL	100°, 41%, 83%
HSV	100°, 16%, 90%
XYZ	62.8267, 72.8680, 61.1926
YIQ	217.7200, -2.7480, -16.2840

Conversions

Conversions Part 2

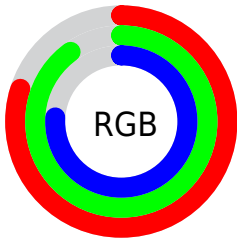
Format	Color
RYB	193, 229, 217
Decimal	13493697
CIELab	88.38, -14.38, 14.93
CIELCh	88, 20.728, 133.940
Yxy	72.8680, 0.3191, 0.3701
Android (android.graphics.Color)	4291683777 (0xFFCDE5C1)
YUV	217.7200, -12.1870, -11.1554
Hunter-Lab	85.3628, -18.0093, 17.2517

Details

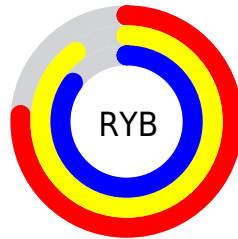
The Yxy color **72.8680, 0.3191, 0.3701** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.5308, 0.3052, 0.2890**, and the grayscale version is **69.9995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **38.7155, 0.3209, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **69.8644, 0.3228, 0.3994**, and if you desaturate by 10%, it is **76.2471, 0.3151, 0.3432**.

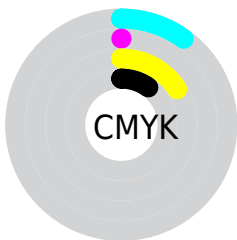
Distribution



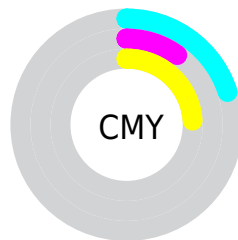
- Red (80%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)




- Cyan (20%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8680, 0.3191, 0.3701 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 72.8680, 0.3191, 0.3701 by changing the saturation by 10% instead.

 72.8680, 0.3191,
0.3701

 72.8680, 0.3191,
0.3701

470.5572, 0.3164,
0.3506

 53.8680, 0.3197,
0.3747


 123.2898, 0.3182,
0.3632

 38.4962, 0.3203,
0.3804


155.4804, 0.3178,
0.3606

 26.3680, 0.3211,
0.3877


192.8367, 0.3175,
0.3584

 17.0991, 0.3220,
0.3974

235.7431, 0.3172,
0.3564

 10.3052, 0.3230,
0.4110

284.5839, 0.3170,
0.3547

 5.6018, 0.3241,
0.4311

339.7436, 0.3168,

 2.6045, 0.3246,

0.3532

0.4639

401.6066, 0.3166,
0.3518

0.9289, 0.3638,
0.6362

0.0000, 0.0000,
0.0000

72.8680, 0.3191,
0.3701

72.8680, 0.3191,
0.3701

69.8644, 0.3228,
0.3994

76.2471, 0.3151,
0.3432

67.2136, 0.3260,
0.4307

80.0049, 0.3110,
0.3190

64.9047, 0.3284,
0.4629

83.7188, 0.3110,
0.3036

62.9225, 0.3295,
0.4948

84.5177, 0.3139,
0.3039

■ 61.2508, 0.3292,
0.5245

■ 59.8714, 0.3272,
0.5500

■ 58.7641, 0.3235,
0.5698

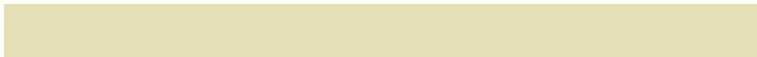
■ 57.9051, 0.3186,
0.5829

■ 57.6008, 0.3164,
0.5870

Harmonies

Analogous

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



72.8680, 0.3427, 0.3728



72.8680, 0.3191, 0.3701



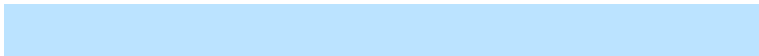
72.8680, 0.2945, 0.3549

Triad

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



72.8680, 0.3191, 0.3701



72.8680, 0.2685, 0.2936



72.8680, 0.3514, 0.3242

Complementary

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



72.8680, 0.3191, 0.3701



58.5308, 0.3052, 0.2890

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.



72.8680, 0.3301, 0.3050



72.8680, 0.3191, 0.3701



72.8680, 0.2824, 0.2875

Square

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



72.8680, 0.3191, 0.3701



72.8680, 0.2659, 0.3096



72.8680, 0.3048, 0.2918



72.8680, 0.3619, 0.3453

Rectangle

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



72.8680, 0.3191, 0.3701



72.8680, 0.2807, 0.3401



72.8680, 0.3048, 0.2918



72.8680, 0.3452, 0.3174

Sweetspot

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



72.8711, 0.3191, 0.3701



97.6324, 0.3148, 0.3414



69.8198, 0.3383, 0.3547



20.8283, 0.3151, 0.3432



0.0000, 0.0000, 0.0000



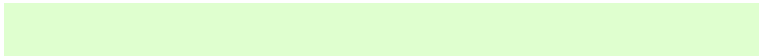
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8711, 0.3191, 0.3701



91.6539, 0.3204, 0.3798



71.4673, 0.3074, 0.3647



16.3223, 0.3166, 0.3529



32.9929, 0.3174, 0.5861



2.4875, 0.3287, 0.5772

Inverse Universe

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



58.5308, 0.3052, 0.2890



69.9410, 0.3033, 0.2800



60.1485, 0.3185, 0.2958



14.3610, 0.3085, 0.3055



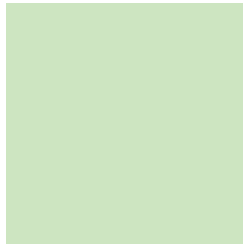
7.1391, 0.2382, 0.1086



0.5779, 0.2505, 0.1153

Previews

White Background



This preview shows how the Yxy color 72.8680, 0.3191, 0.3701 looks on a white background.

Color Contrast Check

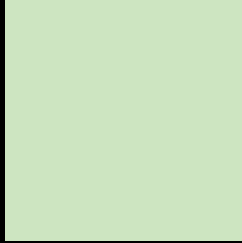
Large Text (above 18pt) WCAG AA × Fail

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 72.8680, 0.3191, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

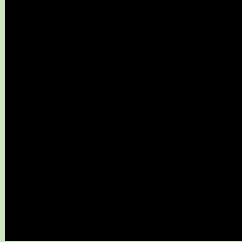
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

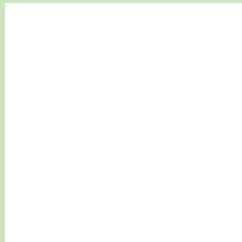
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8680, 0.3191, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 72.8680, 0.3191, 0.3701.

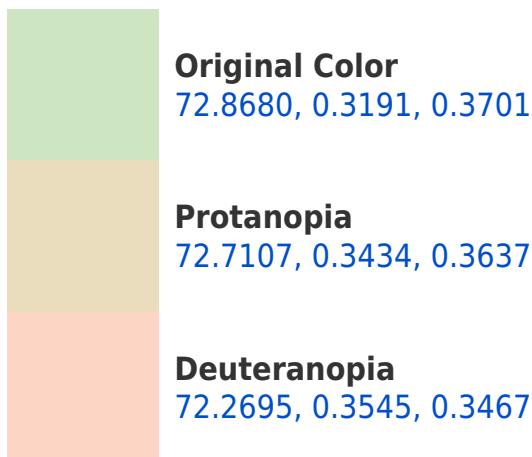


This preview shows how white text looks on a background with the Yxy color 72.8680, 0.3191, 0.3701.

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

72.5309, 0.2945, 0.3095

Trichromacy



Original Color

72.8680, 0.3191, 0.3701

Protanomaly

72.7170, 0.3347, 0.3666

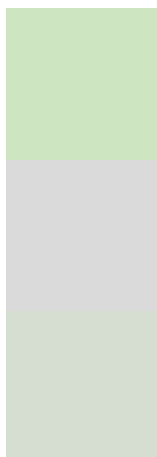
Deuteranomaly

72.2653, 0.3410, 0.3549

Tritanomaly

72.7335, 0.3030, 0.3312

Monochromacy



Original Color

72.8680, 0.3191, 0.3701

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.9921, 0.3149, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8680, 0.3191, 0.3701 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(205, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(205, 229, 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(205, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 229, 193) }
```

Border

The CSS property to change the border of an element to Yxy 72.8680, 0.3191, 0.3701 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(205, 229, 193) }
```

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

```
.border{ border-color:rgb(205, 229, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 229, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(205, 229,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8680, 0.3191, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 229, 193) }
```

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

```
.background{ background-color: rgb(205,  
229, 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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