

Converting Colors

$Yxy(72.0653, 0.3157, 0.3700)$

Have a look what the booklet for
Yxy(72.0653, 0.3157, 0.3700)
contains.

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Color

Yxy(72.1682, 0.3156, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	C8E5C1
RGB	200, 229, 193
RGB Percent	78%, 90%, 76%
CMY	0.2155, 0.1020, 0.2431
CMYK	0.13, 0.00, 0.16, 0.10
HSL	108°, 41%, 83%
HSV	108°, 16%, 90%
XYZ	61.4745, 72.1682, 61.1433
YIQ	216.2250, -5.7280, -17.3440

Conversions

Conversions Part 2

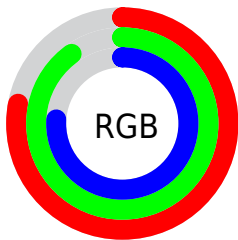
Format	Color
RYB	193, 229, 222
Decimal	13166017
CIELab	88.05, -16.09, 14.39
CIElCh	88, 21.585, 138.181
Yxy	72.1682, 0.3156, 0.3705
Android (android.graphics.Color)	4291356097 (0xFFC8E5C1)
YUV	216.2250, -11.4499, -14.2293
Hunter-Lab	84.9519, -19.4963, 16.7929

Details

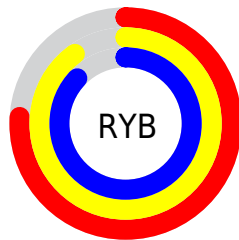
The Yxy color **72.1682, 0.3156, 0.3705** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.3196, 0.3091, 0.2895**, and the grayscale version is **68.9205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **37.8622, 0.3165, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **68.8415, 0.3171, 0.4006**, and if you desaturate by 10%, it is **75.9648, 0.3138, 0.3432**.

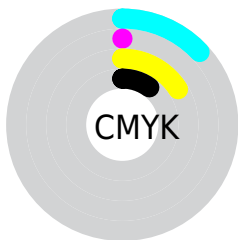
Distribution



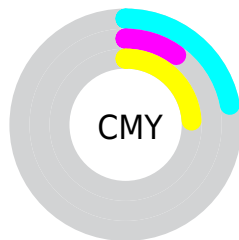
- Red (78%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1682, 0.3156, 0.3705 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 72.1682, 0.3156, 0.3705 by changing the saturation by 10% instead.

 72.1682, 0.3156,
0.3705

 72.1682, 0.3156,
0.3705


468.1268, 0.3145,
0.3508

 53.2961, 0.3158,
0.3751

 122.2956, 0.3153,
0.3635

 38.0392, 0.3160,
0.3810


154.3197, 0.3151,
0.3609

 26.0131, 0.3161,
0.3884

191.4967, 0.3150,
0.3586

 16.8334, 0.3163,
0.3984

234.2107, 0.3149,
0.3566

 10.1158, 0.3162,
0.4124

282.8464, 0.3148,
0.3549

 5.4758, 0.3157,
0.4332


337.7881, 0.3147,

 2.5291, 0.3136,


0.3533


0.4675


399.4201, 0.3146,
0.3520


 0.8911, 0.3377,
0.6623


 0.0000, 0.0000,
0.0000

 72.1682, 0.3156,
0.3705


 72.1682, 0.3156,
0.3705


 68.8415, 0.3171,
0.4006

 75.9648, 0.3138,
0.3432

 65.9573, 0.3182,
0.4332

 80.2390, 0.3119,
0.3190

 63.4995, 0.3186,
0.4670

 84.5145, 0.3139,
0.3039

 61.4473, 0.3182,
0.5007

■ 59.7783, 0.3168,
0.5321

■ 58.4678, 0.3145,
0.5589

■ 57.4877, 0.3112,
0.5791

■ 56.8055, 0.3075,
0.5916

■ 56.5887, 0.3060,
0.5952

Harmonies

Analogous

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



72.1682, 0.3409, 0.3753



72.1682, 0.3156, 0.3705



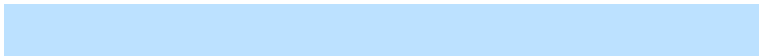
72.1682, 0.2903, 0.3530

Triad

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



72.1682, 0.3156, 0.3705



72.1682, 0.2680, 0.2904



72.1682, 0.3555, 0.3270

Complementary

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



72.1682, 0.3156, 0.3705



59.3196, 0.3091, 0.2895

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.



72.1682, 0.3345, 0.3065



72.1682, 0.3156, 0.3705



72.1682, 0.2839, 0.2857

Square

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



72.1682, 0.3156, 0.3705



72.1682, 0.2635, 0.3057



72.1682, 0.3081, 0.2916



72.1682, 0.3646, 0.3489

Rectangle

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



72.1682, 0.3156, 0.3705



72.1682, 0.2767, 0.3371



72.1682, 0.3081, 0.2916



72.1682, 0.3495, 0.3198

Sweetspot

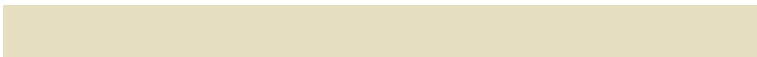
The Sweet Spot groups the original color and five complimentary colors.



72.1713, 0.3156, 0.3705



97.3128, 0.3137, 0.3415



72.6409, 0.3374, 0.3604



20.7508, 0.3138, 0.3433



0.0000, 0.0000, 0.0000



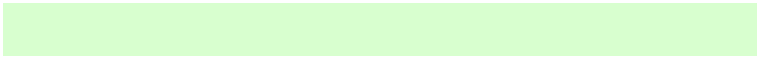
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1713, 0.3156, 0.3705



90.6076, 0.3162, 0.3804



71.7226, 0.3041, 0.3582



16.2243, 0.3145, 0.3531



32.3966, 0.3067, 0.5946



2.4321, 0.3160, 0.5873

Inverse Universe

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



59.3196, 0.3091, 0.2895



71.1328, 0.3081, 0.2807



59.8708, 0.3226, 0.3015



14.4652, 0.3107, 0.3056



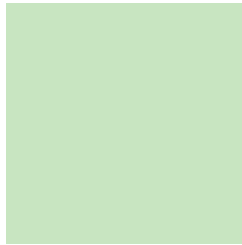
9.1232, 0.2719, 0.1272



0.7107, 0.2794, 0.1313

Previews

White Background



This preview shows how the Yxy color 72.1682, 0.3156, 0.3705 looks on a white background.

Color Contrast Check

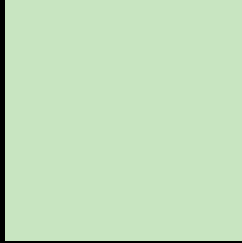
Large Text (above 18pt) WCAG AA × Fail

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 72.1682, 0.3156, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

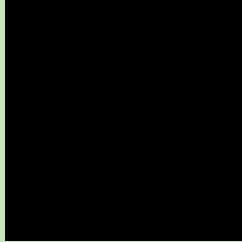
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

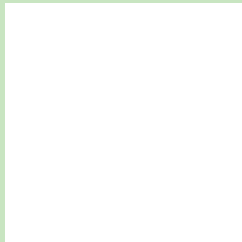
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1682, 0.3156, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 72.1682, 0.3156, 0.3705.



This preview shows how white text looks on a background with the Yxy color 72.1682, 0.3156, 0.3705.

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

72.1682, 0.3156, 0.3705

Protanopia

71.9730, 0.3435, 0.3638

Deuteranopia

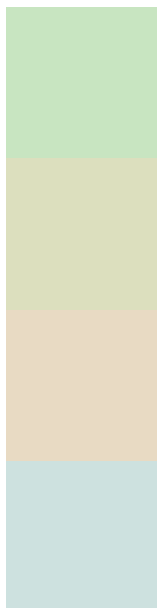
71.3965, 0.3532, 0.3458



Tritanopia

71.9437, 0.2918, 0.3094

Trichromacy



Original Color

72.1682, 0.3156, 0.3705

Protanomaly

71.7087, 0.3326, 0.3658

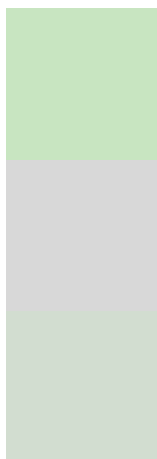
Deuteranomaly

71.2387, 0.3389, 0.3540

Tritanomaly

72.1573, 0.3003, 0.3312

Monochromacy



Original Color

72.1682, 0.3156, 0.3705

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.9686, 0.3135, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1682, 0.3156, 0.3705 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(200, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 229, 193) }
```

Border

The CSS property to change the border of an element to Yxy 72.1682, 0.3156, 0.3705 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(200, 229, 193) }
```

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

```
.border{ border-color:rgb(200, 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(200, 229, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(200, 229,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1682, 0.3156, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 229, 193) }
```

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

```
.background{ background-color: rgb(200,  
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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