

Converting Colors

$Yxy(72.3348, 0.3176, 0.3559)$

Have a look what the booklet for
Yxy(72.3348, 0.3176, 0.3559)
contains.

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Color

Yxy(72.5059, 0.3177, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	D3E2CA
RGB	211, 226, 202
RGB Percent	83%, 89%, 79%
CMY	0.1728, 0.1136, 0.2079
CMYK	0.07, 0.00, 0.11, 0.11
HSL	98°, 29%, 84%
HSV	98°, 11%, 89%
XYZ	64.7054, 72.5059, 66.4570
YIQ	218.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

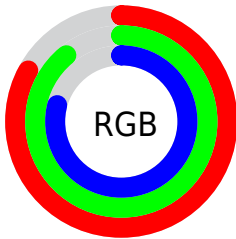
Format	Color
R_{YB}	202, 226, 217
Decimal	13886154
CIE _{Lab}	88.21, -9.34, 10.02
CIE _{LCh}	88, 13.700, 132.972
Y _{xy}	72.5059, 0.3177, 0.3560
Android (android.graphics.Color)	4292076234 (0xFFD3E2CA)
YUV	218.7790, -8.2720, -6.8222
Hunter-Lab	85.1504, -13.3718, 13.3315

Details

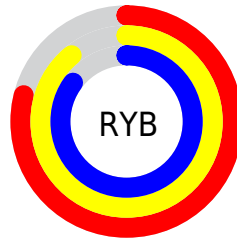
The Yxy color **72.5059, 0.3177, 0.3560** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4957, 0.3072, 0.3024**, and the grayscale version is **70.7307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3319, 0.3184, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **69.5114, 0.3222, 0.3839**, and if you desaturate by 10%, it is **75.8486, 0.3130, 0.3305**.

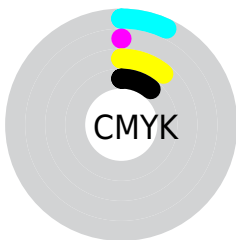
Distribution



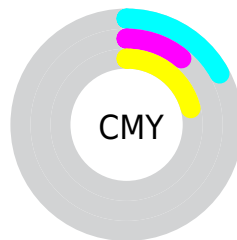
- Red (83%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5059, 0.3177, 0.3560 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 72.5059, 0.3177, 0.3560 by changing the saturation by 10% instead.

■ 72.5059, 0.3177,
0.3560

■ 72.5059, 0.3177,
0.3560

469.3005, 0.3155,
0.3433

■ 53.5720, 0.3182,
0.3590

122.7755, 0.3170,
0.3515

■ 38.2596, 0.3188,
0.3626

154.8801, 0.3167,
0.3498

■ 26.1843, 0.3195,
0.3674

192.1436, 0.3164,
0.3484

■ 16.9615, 0.3204,
0.3736

234.9506, 0.3162,
0.3471

■ 10.2071, 0.3215,
0.3823

283.6854, 0.3160,
0.3460

■ 5.5365, 0.3230,
0.3951

338.7324, 0.3158,

■ 2.5653, 0.3249,

0.3450

0.4160

400.4760, 0.3156,
0.3441

0.9093, 0.3468,
0.4957

0.0000, 0.0000,
0.0000

72.5059, 0.3177,
0.3560

72.5059, 0.3177,
0.3560

69.5114, 0.3222,
0.3839

75.8486, 0.3130,
0.3305

66.8442, 0.3263,
0.4140

79.5412, 0.3083,
0.3076

64.4952, 0.3297,
0.4454

82.6068, 0.3130,
0.3008

62.4512, 0.3320,
0.4772

82.8863, 0.3140,
0.3009

■ 60.6983, 0.3329,
0.5076

■ 59.2210, 0.3321,
0.5350

■ 58.0022, 0.3295,
0.5575

■ 57.0223, 0.3252,
0.5739

■ 56.2939, 0.3202,
0.5840

Harmonies

Analogous

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



72.5059, 0.3331, 0.3578



72.5059, 0.3177, 0.3560



72.5059, 0.3012, 0.3464

Triad

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



72.5059, 0.3177, 0.3560



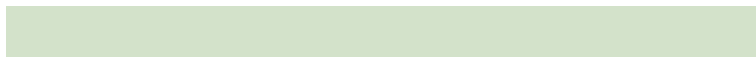
72.5059, 0.2829, 0.3058



72.5059, 0.3379, 0.3256

Complementary

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



72.5059, 0.3177, 0.3560



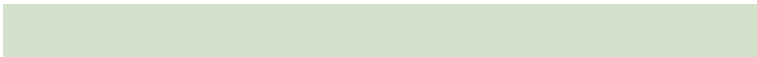
62.4957, 0.3072, 0.3024

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.



72.5059, 0.3238, 0.3126



72.5059, 0.3177, 0.3560



72.5059, 0.2922, 0.3012

Square

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



72.5059, 0.3177, 0.3560



72.5059, 0.2815, 0.3169



72.5059, 0.3071, 0.3037



72.5059, 0.3450, 0.3398

Rectangle

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



72.5059, 0.3177, 0.3560



72.5059, 0.2919, 0.3369



72.5059, 0.3071, 0.3037



72.5059, 0.3338, 0.3209

Sweetspot

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



72.5090, 0.3177, 0.3560



98.6171, 0.3141, 0.3364



69.9662, 0.3297, 0.3453



21.0305, 0.3145, 0.3384



0.0000, 0.0000, 0.0000



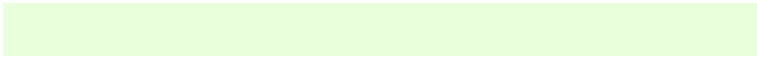
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5090, 0.3177, 0.3560



94.3086, 0.3188, 0.3626



71.3600, 0.3096, 0.3532



15.5842, 0.3171, 0.3528



32.1699, 0.3213, 0.5831



2.2797, 0.3334, 0.5735

Inverse Universe

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



62.4957, 0.3072, 0.3024



78.3791, 0.3058, 0.2960



63.7507, 0.3159, 0.3059



13.6676, 0.3079, 0.3055



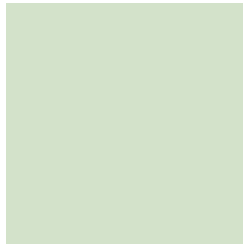
6.4806, 0.2298, 0.1039



0.4997, 0.2438, 0.1117

Previews

White Background



This preview shows how the Yxy color 72.5059, 0.3177, 0.3560 looks on a white background.

Color Contrast Check

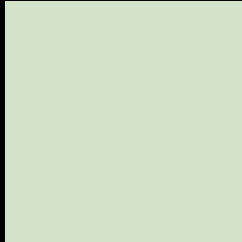
Large Text (above 18pt) WCAG AA × Fail

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 72.5059, 0.3177, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

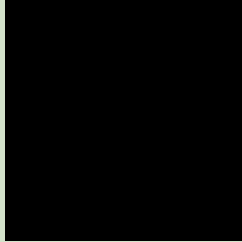
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

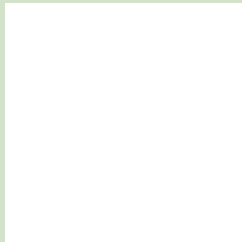
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5059, 0.3177, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 72.5059, 0.3177, 0.3560.



This preview shows how white text looks on a background with the Yxy color 72.5059, 0.3177, 0.3560.

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

72.5059, 0.3177, 0.3560

Protanopia

72.1329, 0.3343, 0.3518

Deuteranopia

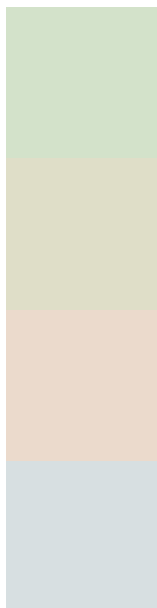
72.1360, 0.3456, 0.3374



Tritanopia

72.6377, 0.2990, 0.3107

Trichromacy



Original Color

72.5059, 0.3177, 0.3560

Protanomaly

72.1007, 0.3281, 0.3532

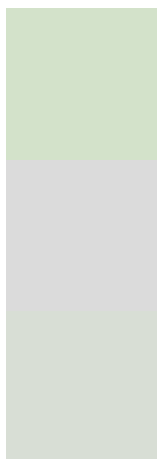
Deuteranomaly

72.1646, 0.3348, 0.3440

Tritanomaly

72.6587, 0.3059, 0.3268

Monochromacy



Original Color

72.5059, 0.3177, 0.3560

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.6456, 0.3144, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5059, 0.3177, 0.3560 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(211, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 202)  
}
```

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(211, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.5059, 0.3177, 0.3560 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(211, 226, 202) }
```

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

```
.border{ border-color:rgb(211, 226, 202) }
```

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

Here you see how a box with a 4 pixel rgb(211, 226, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5059, 0.3177, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 202) }
```

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

```
.background{ background-color: rgb(211,  
226, 202) }
```

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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