

Converting Colors

$Yxy(72.7945, 0.3109, 0.3451)$

Have a look what the booklet for
Yxy(72.7945, 0.3109, 0.3451)
contains.

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Color

Yxy(72.8478, 0.3106, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	D2E2D4
RGB	210, 226, 212
RGB Percent	82%, 89%, 83%
CMY	0.1764, 0.1137, 0.1686
CMYK	0.07, 0.00, 0.06, 0.11
HSL	127°, 22%, 85%
HSV	127°, 7%, 89%
XYZ	65.6603, 72.8478, 72.8901
YIQ	219.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

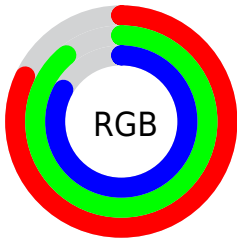
Format	Color
R _Y B	210, 224, 226
Decimal	13820628
CIE Lab	88.38, -7.89, 5.00
CIE LCh	88, 9.341, 147.640
Yxy	72.8478, 0.3106, 0.3446
Android (android.graphics.Color)	4292010708 (0xFFD2E2D4)
YUV	219.6200, -3.7567, -8.4367
Hunter-Lab	85.3509, -12.0445, 9.1117

Details

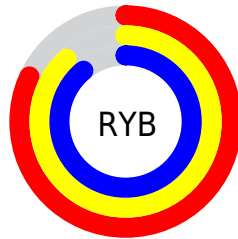
The Yxy color **72.8478, 0.3106, 0.3446** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6489, 0.3149, 0.3139**, and the grayscale version is **71.3236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6281, 0.3109, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **68.8264, 0.3075, 0.3692**, and if you desaturate by 10%, it is **77.4661, 0.3136, 0.3230**.

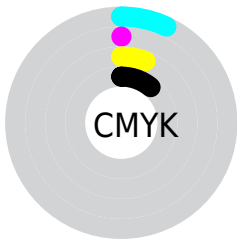
Distribution



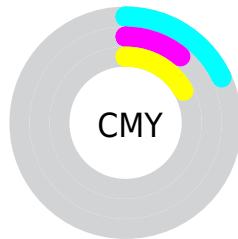
- Red (82%)
- Green (89%)
- Blue (83%)



- Red (82%)
- Yellow (88%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8478, 0.3106, 0.3446 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 72.8478, 0.3106, 0.3446 by changing the saturation by 10% instead.

■ 72.8478, 0.3106,
0.3446

■ 72.8478, 0.3106,
0.3446

470.4871, 0.3116,
0.3373

■ 53.8515, 0.3104,
0.3463

123.2611, 0.3110,
0.3420

■ 38.4830, 0.3100,
0.3484

155.4469, 0.3111,
0.3411

■ 26.3577, 0.3097,
0.3511

192.7981, 0.3112,
0.3402

■ 17.0915, 0.3091,
0.3546

235.6989, 0.3113,
0.3395

■ 10.2997, 0.3084,
0.3595

284.5338, 0.3114,
0.3388

■ 5.5981, 0.3072,
0.3667

339.6873, 0.3115,

■ 2.6023, 0.3052,

0.3383

0.3784

401.5436, 0.3116,
0.3378

0.9278, 0.3025,
0.4076

0.0000, 0.0000,
0.0000

72.8478, 0.3106,
0.3446

72.8478, 0.3106,
0.3446

68.8264, 0.3075,
0.3692

77.4661, 0.3136,
0.3230

65.3688, 0.3045,
0.3967

82.6549, 0.3162,
0.3042

62.4524, 0.3015,
0.4269

82.8743, 0.3140,
0.3009

60.0497, 0.2989,
0.4589

■ 58.1308, 0.2969,
0.4915

■ 56.6625, 0.2956,
0.5228

■ 55.6076, 0.2953,
0.5506

■ 54.9227, 0.2960,
0.5729

■ 54.5523, 0.2974,
0.5884

Harmonies

Analogous

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



72.8478, 0.3218, 0.3486



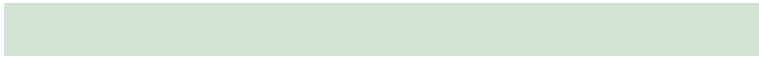
72.8478, 0.3106, 0.3446



72.8478, 0.3001, 0.3362

Triad

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



72.8478, 0.3106, 0.3446



72.8478, 0.2949, 0.3110



72.8478, 0.3329, 0.3316

Complementary

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



72.8478, 0.3106, 0.3446



67.6489, 0.3149, 0.3139

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.



72.8478, 0.3254, 0.3219



72.8478, 0.3106, 0.3446



72.8478, 0.3034, 0.3102

Square

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



72.8478, 0.3106, 0.3446



72.8478, 0.2911, 0.3167



72.8478, 0.3145, 0.3141



72.8478, 0.3348, 0.3408

Rectangle

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



72.8478, 0.3106, 0.3446



72.8478, 0.2948, 0.3294



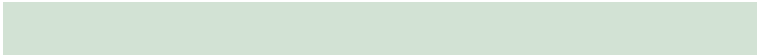
72.8478, 0.3145, 0.3141



72.8478, 0.3309, 0.3283

Sweetspot

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



72.8509, 0.3106, 0.3446



98.7614, 0.3121, 0.3333



74.9170, 0.3218, 0.3464



21.1520, 0.3122, 0.3331



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.



72.8509, 0.3106, 0.3446



95.2371, 0.3103, 0.3469



73.2577, 0.3056, 0.3358



15.3650, 0.3099, 0.3501



31.0888, 0.2973, 0.5901



2.1642, 0.2913, 0.5687

Inverse Universe

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



67.6489, 0.3149, 0.3139



87.5049, 0.3152, 0.3118



67.2318, 0.3204, 0.3223



13.9046, 0.3157, 0.3087



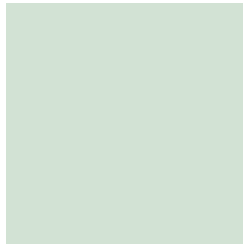
11.5569, 0.3550, 0.1729



0.8094, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 72.8478, 0.3106, 0.3446 looks on a white background.

Color Contrast Check

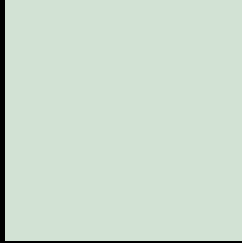
Large Text (above 18pt) WCAG AA × Fail

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 72.8478, 0.3106, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

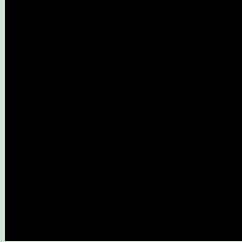
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

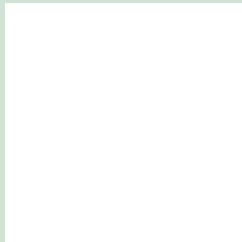
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8478, 0.3106, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 72.8478, 0.3106, 0.3446.

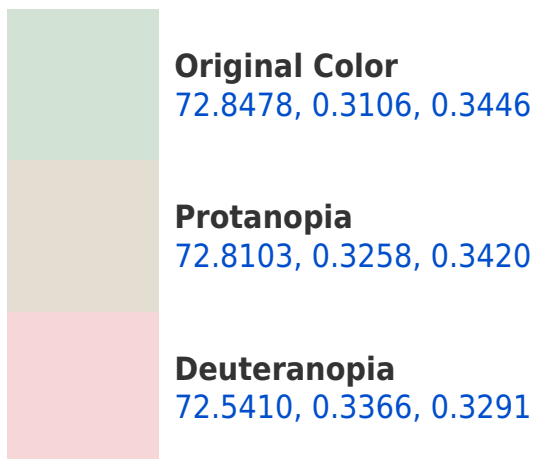


This preview shows how white text looks on a background with the Yxy color 72.8478, 0.3106, 0.3446.

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

72.7707, 0.2964, 0.3107

Trichromacy



Original Color

72.8478, 0.3106, 0.3446

Protanomaly

72.8006, 0.3199, 0.3433

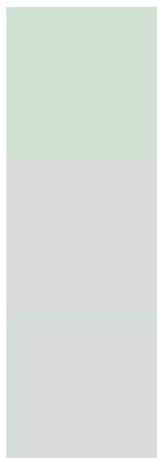
Deuteranomaly

72.2705, 0.3271, 0.3344

Tritanomaly

72.5786, 0.3020, 0.3224

Monochromacy



Original Color

72.8478, 0.3106, 0.3446

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8512, 0.3118, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8478, 0.3106, 0.3446 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, 226, 212)` looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 212)  
}
```

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, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 212) }
```

Border

The CSS property to change the border of an element to Yxy 72.8478, 0.3106, 0.3446 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, 226, 212) }
```

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

```
.border{ border-color:rgb(210, 226, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 226,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8478, 0.3106, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 212) }
```

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

```
.background{ background-color: rgb(210,  
226, 212) }
```

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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