

Converting Colors

$Yxy(72.4384, 0.3108, 0.3304)$

Have a look what the booklet for
Yxy(72.4384, 0.3108, 0.3304)
contains.

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Color

Yxy(72.3684, 0.3106, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	DADEDD
RGB	218, 222, 221
RGB Percent	85%, 87%, 87%
CMY	0.1449, 0.1294, 0.1334
CMYK	0.02, 0.00, 0.00, 0.13
HSL	165°, 6%, 86%
HSV	165°, 2%, 87%
XYZ	68.0934, 72.3684, 78.7700
YIQ	220.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

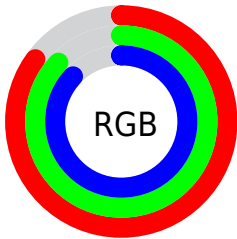
Format	Color
R _Y B	218, 220, 222
Decimal	14343901
CIE Lab	88.15, -1.51, 0.02
CIE LCh	88, 1.508, 179.223
Yxy	72.3684, 0.3106, 0.3301
Android (android.graphics.Color)	4292533981 (0xFFDAEEDD)
YUV	220.6900, 0.1528, -2.3591
Hunter-Lab	85.0696, -5.9928, 4.6493

Details

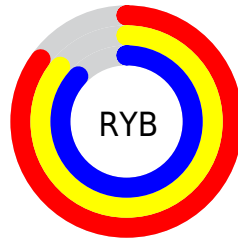
The Yxy color `72.3684, 0.3106, 0.3301` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `70.8135, 0.3149, 0.3279`, and the grayscale version is `72.0830, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.1771, 0.3099, 0.3304` is the 20% darker color. If you saturate the color by 10%, you get `68.8748, 0.2989, 0.3367`, and if you desaturate by 10%, it is `76.3370, 0.3226, 0.3242`.

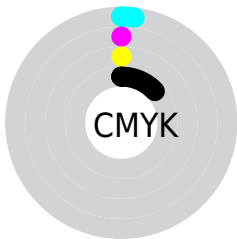
Distribution



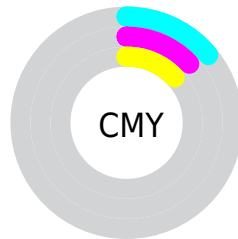
- Red (85%)
- Green (87%)
- Blue (87%)



- Red (85%)
- Yellow (86%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3684, 0.3106, 0.3301 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 72.3684, 0.3106, 0.3301 by changing the saturation by 10% instead.

■ 72.3684, 0.3106,
0.3301

■ 72.3684, 0.3106,
0.3301

468.8229, 0.3116,
0.3296

■ 53.4597, 0.3104,
0.3302

122.5802, 0.3109,
0.3299

■ 38.1699, 0.3101,
0.3304

154.6520, 0.3111,
0.3299

■ 26.1145, 0.3097,
0.3305

191.8803, 0.3112,
0.3298

■ 16.9093, 0.3093,
0.3308

234.6494, 0.3113,
0.3298

■ 10.1699, 0.3086,
0.3311

283.3439, 0.3114,
0.3297

■ 5.5117, 0.3077,
0.3316

338.3480, 0.3115,

■ 2.5505, 0.3062,

0.3297

0.3323

400.0462, 0.3115,
0.3296

■ 0.9019, 0.3035,
0.3337

■ 0.0000, 0.0000,
0.0000

■ 72.3684, 0.3106,
0.3301

■ 72.3684, 0.3106,
0.3301

■ 68.8748, 0.2989,
0.3367

■ 76.3370, 0.3226,
0.3242

■ 65.8286, 0.2878,
0.3440


■ 79.3489, 0.3293,
0.3187


■ 63.2137, 0.2774,
0.3519

■ 79.6797, 0.3254,
0.3131


■ 61.0091, 0.2683,
0.3603


■ 80.0211, 0.3216,
0.3076


 59.1924, 0.2605,
0.3693


 80.3733, 0.3178,
0.3021

 57.7387, 0.2544,
0.3787

 80.7196, 0.3142,
0.2970

 56.6203, 0.2502,
0.3883

 55.8055, 0.2480,
0.3980

 55.2561, 0.2478,
0.4076

Harmonies

Analogous

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



72.3684, 0.3123, 0.3314



72.3684, 0.3106, 0.3301



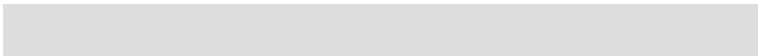
72.3684, 0.3095, 0.3285

Triad

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



72.3684, 0.3106, 0.3301



72.3684, 0.3113, 0.3259



72.3684, 0.3163, 0.3310

Complementary

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



72.3684, 0.3106, 0.3301



70.8135, 0.3149, 0.3279

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.



72.3684, 0.3160, 0.3296



72.3684, 0.3106, 0.3301



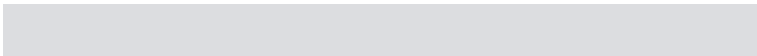
72.3684, 0.3131, 0.3266

Square

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



72.3684, 0.3106, 0.3301



72.3684, 0.3099, 0.3261



72.3684, 0.3149, 0.3279



72.3684, 0.3156, 0.3320

Rectangle

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



72.3684, 0.3106, 0.3301



72.3684, 0.3092, 0.3274



72.3684, 0.3149, 0.3279



72.3684, 0.3163, 0.3306

Sweetspot

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



72.3715, 0.3106, 0.3301



99.4774, 0.3115, 0.3296



72.3795, 0.3133, 0.3333



21.2978, 0.3116, 0.3296



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.



72.3715, 0.3106, 0.3301



98.9613, 0.3103, 0.3303



71.9378, 0.3100, 0.3280



16.1062, 0.3105, 0.3302



32.6606, 0.2484, 0.4141



2.2782, 0.2443, 0.3993

Inverse Universe

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



70.8135, 0.3149, 0.3279



96.5475, 0.3152, 0.3278



71.2393, 0.3155, 0.3300



15.7377, 0.3150, 0.3278



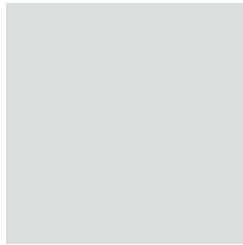
9.4160, 0.5898, 0.3023



0.6671, 0.5458, 0.2780

Previews

White Background



This preview shows how the Yxy color 72.3684, 0.3106, 0.3301 looks on a white background.

Color Contrast Check

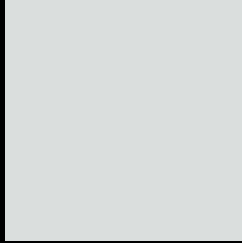
Large Text (above 18pt) WCAG AA × Fail

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 72.3684, 0.3106, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

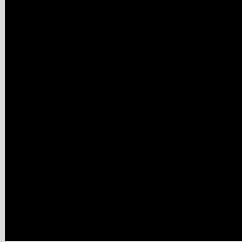
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

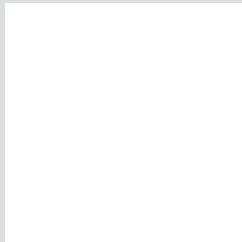
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3684, 0.3106, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 72.3684, 0.3106, 0.3301.

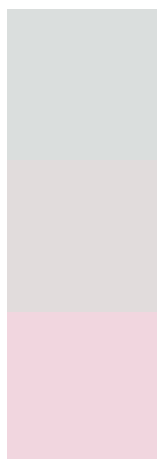


This preview shows how white text looks on a background with the Yxy color 72.3684, 0.3106, 0.3301.

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

72.3684, 0.3106, 0.3301

Protanopia

72.3613, 0.3163, 0.3290

Deuteranopia

72.1216, 0.3264, 0.3197



Tritanopia

72.6730, 0.3024, 0.3108

Trichromacy



Original Color

72.3684, 0.3106, 0.3301

Protanomaly

72.4098, 0.3141, 0.3301

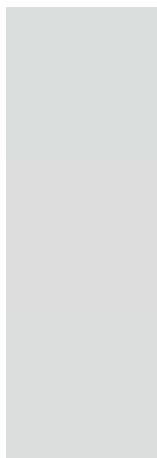
Deuteranomaly

72.2233, 0.3209, 0.3237

Tritanomaly

72.6981, 0.3055, 0.3182

Monochromacy



Original Color

72.3684, 0.3106, 0.3301

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1490, 0.3120, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3684, 0.3106, 0.3301 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(218, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 222, 221)  
}
```

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(218, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 222, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.3684, 0.3106, 0.3301 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(218, 222, 221) }
```

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

```
.border{ border-color:rgb(218, 222, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 222, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 222, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 222,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3684, 0.3106, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 222, 221) }
```

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

```
.background{ background-color: rgb(218,  
222, 221) }
```

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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