

Converting Colors

$Yxy(71.4601, 0.3064, 0.3301)$

Have a look what the booklet for
Yxy(71.4601, 0.3064, 0.3301)
contains.

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Color

Yxy(71.4601, 0.3064, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D4DEDD
RGB	212, 222, 221
RGB Percent	83%, 87%, 87%
CMY	0.1685, 0.1294, 0.1334
CMYK	0.04, 0.00, 0.00, 0.13
HSL	174°, 13%, 85%
HSV	174°, 4%, 87%
XYZ	66.3295, 71.4601, 78.6905
YIQ	218.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

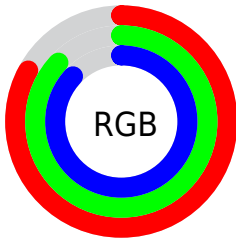
Format	Color
R _Y B	212, 217, 222
Decimal	13950685
CIE Lab	87.71, -3.52, -0.67
CIE LCh	88, 3.582, 190.838
Yxy	71.4601, 0.3064, 0.3301
Android (android.graphics.Color)	4292140765 (0xFFD4DEDD)
YUV	218.8960, 1.0373, -6.0478
Hunter-Lab	84.5341, -7.8749, 3.9824

Details

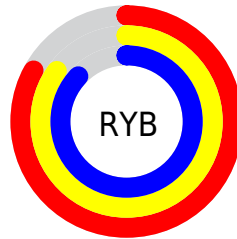
The Yxy color **71.4601, 0.3064, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4417, 0.3194, 0.3279**, and the grayscale version is **70.7629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5587, 0.3045, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **68.2671, 0.2928, 0.3327**, and if you desaturate by 10%, it is **75.1145, 0.3206, 0.3277**.

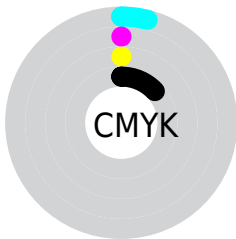
Distribution



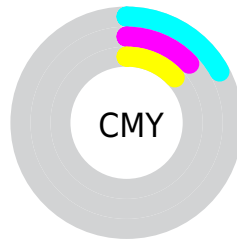
- Red (83%)
- Green (87%)
- Blue (87%)



- Red (83%)
- Yellow (85%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4601, 0.3064, 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 71.4601, 0.3064, 0.3301 by changing the saturation by 10% instead.

■ 71.4601, 0.3064,
0.3301

■ 71.4601, 0.3064,
0.3301

465.6602, 0.3093,
0.3296

■ 52.7178, 0.3057,
0.3302

121.2886, 0.3074,
0.3299

■ 37.5775, 0.3049,
0.3304

153.1436, 0.3078,
0.3299

■ 25.6549, 0.3038,
0.3305

190.1382, 0.3082,
0.3298

■ 16.5657, 0.3024,
0.3308

232.6569, 0.3085,
0.3298

■ 9.9253, 0.3005,
0.3311

281.0841, 0.3087,
0.3297

■ 5.3495, 0.2978,
0.3315

335.8041, 0.3089,

■ 2.4537, 0.2934,

0.3297

0.3322

397.2013, 0.3092,
0.3296

■ 0.8533, 0.2839,
0.3340

■ 0.0000, 0.0000,
0.0000

■ 71.4601, 0.3064,
0.3301

■ 71.4601, 0.3064,
0.3301

■ 68.2671, 0.2928,
0.3327

■ 75.1145, 0.3206,
0.3277

■ 65.5078, 0.2800,
0.3356

■ 78.9648, 0.3340,
0.3256

■ 63.1658, 0.2683,
0.3387

■ 79.0894, 0.3325,
0.3233

■ 61.2198, 0.2580,
0.3419

■ 79.2157, 0.3309,
0.3211

■ 59.6469, 0.2494,
0.3453

■ 79.3436, 0.3294,
0.3188

■ 58.4216, 0.2427,
0.3488

■ 79.4732, 0.3278,
0.3166

■ 57.5154, 0.2378,
0.3523

■ 79.6044, 0.3263,
0.3144

■ 56.8952, 0.2349,
0.3558

■ 79.7373, 0.3248,
0.3122

■ 56.5205, 0.2338,
0.3593

■ 79.8719, 0.3232,
0.3100

Harmonies

Analogous

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



71.4601, 0.3100, 0.3337



71.4601, 0.3064, 0.3301



71.4601, 0.3045, 0.3262

Triad

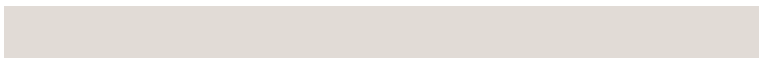
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4601, 0.3064, 0.3301



71.4601, 0.3110, 0.3221



71.4601, 0.3208, 0.3349

Complementary

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



71.4601, 0.3064, 0.3301



67.4417, 0.3194, 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.



71.4601, 0.3211, 0.3317



71.4601, 0.3064, 0.3301



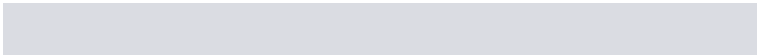
71.4601, 0.3154, 0.3244

Square

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



71.4601, 0.3064, 0.3301



71.4601, 0.3071, 0.3216



71.4601, 0.3191, 0.3279



71.4601, 0.3184, 0.3365

Rectangle

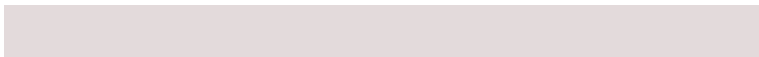
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



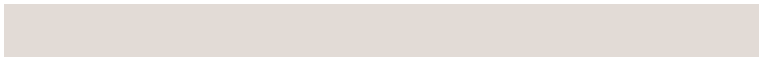
71.4601, 0.3064, 0.3301



71.4601, 0.3044, 0.3240



71.4601, 0.3191, 0.3279



71.4601, 0.3212, 0.3340

Sweetspot

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



71.4631, 0.3064, 0.3301



99.5028, 0.3113, 0.3292



71.1723, 0.3130, 0.3401



21.3029, 0.3114, 0.3292



0.0000, 0.0000, 0.0000



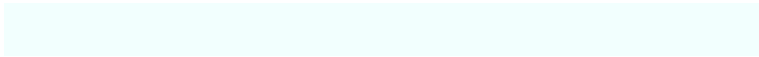
21.4041, 0.3127, 0.3290

Same Dimension

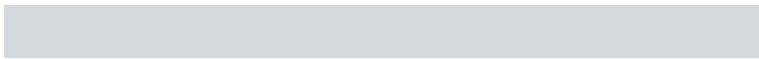
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4631, 0.3064, 0.3301



97.5781, 0.3056, 0.3302



69.5123, 0.3058, 0.3247



15.8233, 0.3048, 0.3304



33.5006, 0.2335, 0.3607



2.3291, 0.2320, 0.3553

Inverse Universe

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



67.4417, 0.3194, 0.3279



91.4175, 0.3203, 0.3278



69.3222, 0.3198, 0.3332



14.7004, 0.3213, 0.3276



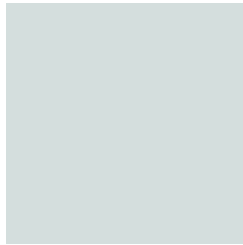
9.2677, 0.6277, 0.3232



0.6502, 0.5984, 0.3070

Previews

White Background



This preview shows how the Yxy color 71.4601, 0.3064, 0.3301 looks on a white background.

Color Contrast Check

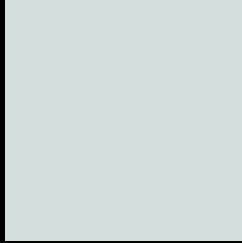
Large Text (above 18pt) WCAG AA × Fail

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 71.4601, 0.3064, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

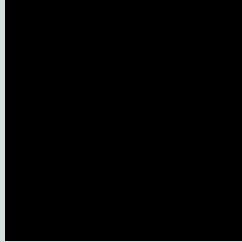
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

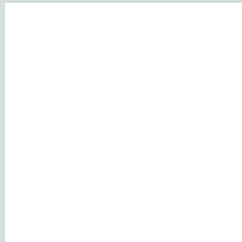
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4601, 0.3064, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 71.4601, 0.3064, 0.3301.

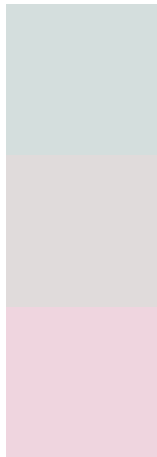


This preview shows how white text looks on a background with the Yxy color 71.4601, 0.3064, 0.3301.

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

71.4601, 0.3064, 0.3301

Protanopia

71.6248, 0.3163, 0.3290

Deuteranopia

71.2669, 0.3250, 0.3186



Tritanopia

71.7479, 0.2983, 0.3106

Trichromacy



Original Color

71.4601, 0.3064, 0.3301

Protanomaly

71.5694, 0.3127, 0.3290

Deuteranomaly

71.0437, 0.3181, 0.3226

Tritanomaly

71.7786, 0.3014, 0.3181

Monochromacy



Original Color

71.4601, 0.3064, 0.3301

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9526, 0.3099, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4601, 0.3064, 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(212, 222, 221)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 221) }
```

Border

The CSS property to change the border of an element to Yxy 71.4601, 0.3064, 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(212, 222, 221) }
```

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

```
.border{ border-color:rgb(212, 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(212, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 222, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 222, 221); box-shadow:4px 4px 4px 4px rgb(212, 222, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4601, 0.3064, 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(212, 222, 221) }
```

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

```
.background{ background-color: rgb(212,  
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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