

Converting Colors

$Yxy(72.3592, 0.3028, 0.3306)$

Have a look what the booklet for
Yxy(72.3592, 0.3028, 0.3306)
contains.

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Color

Yxy(72.1943, 0.3030, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D1E0DF
RGB	209, 224, 223
RGB Percent	82%, 88%, 87%
CMY	0.1804, 0.1215, 0.1255
CMYK	0.07, 0.00, 0.00, 0.12
HSL	176°, 19%, 85%
HSV	176°, 7%, 88%
XYZ	66.2674, 72.1943, 80.2426
YIQ	219.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

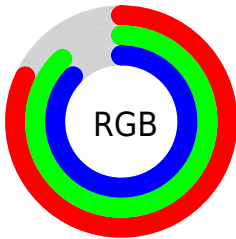
Format	Color
R _Y B	209, 217, 224
Decimal	13754591
CIE Lab	88.06, -5.18, -1.24
CIE LCh	88, 5.328, 193.410
Yxy	72.1943, 0.3030, 0.3301
Android (android.graphics.Color)	4291944671 (0xFFD1E0DF)
YUV	219.4010, 1.7743, -9.1217
Hunter-Lab	84.9672, -9.4774, 3.4839

Details

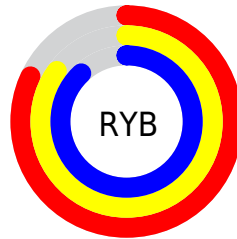
The Yxy color **72.1943, 0.3030, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1039, 0.3233, 0.3279**, and the grayscale version is **71.1244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1716, 0.3010, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **69.0744, 0.2891, 0.3319**, and if you desaturate by 10%, it is **75.7804, 0.3176, 0.3285**.

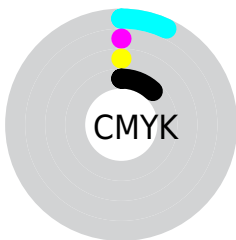
Distribution



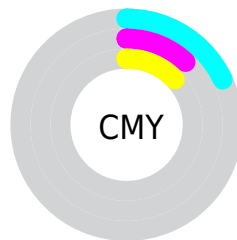
- Red (82%)
- Green (88%)
- Blue (87%)



- Red (82%)
- Yellow (85%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1943, 0.3030, 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 72.1943, 0.3030, 0.3301 by changing the saturation by 10% instead.

■ 72.1943, 0.3030,
0.3301

■ 72.1943, 0.3030,
0.3301

468.2176, 0.3075,
0.3296

■ 53.3174, 0.3020,
0.3302

122.3327, 0.3046,
0.3299

■ 38.0562, 0.3007,
0.3303

154.3631, 0.3052,
0.3299

■ 26.0263, 0.2991,
0.3305

191.5467, 0.3057,
0.3298

■ 16.8433, 0.2970,
0.3307

234.2680, 0.3061,
0.3298

■ 10.1229, 0.2941,
0.3310

282.9113, 0.3065,
0.3297

■ 5.4805, 0.2899,
0.3314

337.8611, 0.3069,

■ 2.5318, 0.2833,

0.3297

0.3320

399.5017, 0.3072,
0.3296

■ 0.8925, 0.2698,
0.3336

■ 0.0000, 0.0000,
0.0000

■ 72.1943, 0.3030,
0.3301

■ 72.1943, 0.3030,
0.3301

■ 69.0744, 0.2891,
0.3319

■ 75.7804, 0.3176,
0.3285

■ 66.3926, 0.2761,
0.3338


■ 79.8415, 0.3326,
0.3270

■ 64.1314, 0.2644,
0.3359

■ 80.1521, 0.3324,
0.3255

■ 62.2689, 0.2542,
0.3380


■ 80.2370, 0.3313,
0.3240


 60.7810, 0.2458,
0.3403

 80.3227, 0.3303,
0.3225

 59.6412, 0.2392,
0.3426


 80.4090, 0.3293,
0.3210

 58.8193, 0.2346,
0.3449

 80.4962, 0.3282,
0.3195

 58.2802, 0.2318,
0.3472

 80.5841, 0.3272,
0.3180

 57.9789, 0.2308,
0.3494

 80.6727, 0.3262,
0.3165

Harmonies

Analogous

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



72.1943, 0.3082, 0.3356



72.1943, 0.3030, 0.3301



72.1943, 0.3004, 0.3244

Triad

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



72.1943, 0.3030, 0.3301



72.1943, 0.3107, 0.3190



72.1943, 0.3245, 0.3380

Complementary

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



72.1943, 0.3030, 0.3301



66.1039, 0.3233, 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.



72.1943, 0.3252, 0.3335



72.1943, 0.3030, 0.3301



72.1943, 0.3172, 0.3226

Square

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



72.1943, 0.3030, 0.3301



72.1943, 0.3048, 0.3180



72.1943, 0.3225, 0.3278



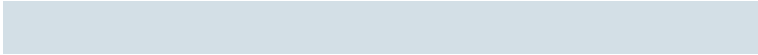
72.1943, 0.3206, 0.3402

Rectangle

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



72.1943, 0.3030, 0.3301



72.1943, 0.3005, 0.3212



72.1943, 0.3225, 0.3278



72.1943, 0.3251, 0.3367

Sweetspot

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



72.1974, 0.3030, 0.3301



99.0232, 0.3098, 0.3293



71.6571, 0.3128, 0.3458



21.2053, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



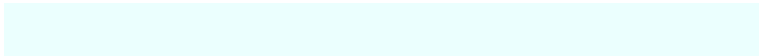
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1974, 0.3030, 0.3301



96.2450, 0.3011, 0.3303



68.9531, 0.3024, 0.3220



15.5554, 0.2991, 0.3306



33.7103, 0.2305, 0.3498



2.3415, 0.2295, 0.3463

Inverse Universe

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



66.1039, 0.3233, 0.3279



86.5034, 0.3257, 0.3277



69.1819, 0.3234, 0.3359



13.7156, 0.3281, 0.3274



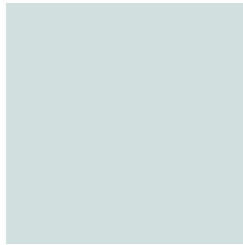
9.2508, 0.6325, 0.3258



0.6466, 0.6114, 0.3142

Previews

White Background



This preview shows how the Yxy color 72.1943, 0.3030, 0.3301 looks on a white background.

Color Contrast Check

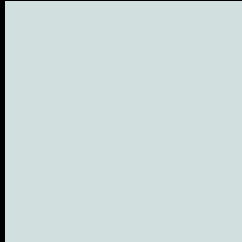
Large Text (above 18pt) WCAG AA × Fail

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 72.1943, 0.3030, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

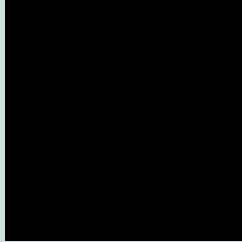
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

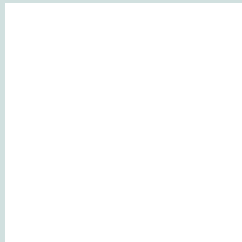
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1943, 0.3030, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 72.1943, 0.3030, 0.3301.

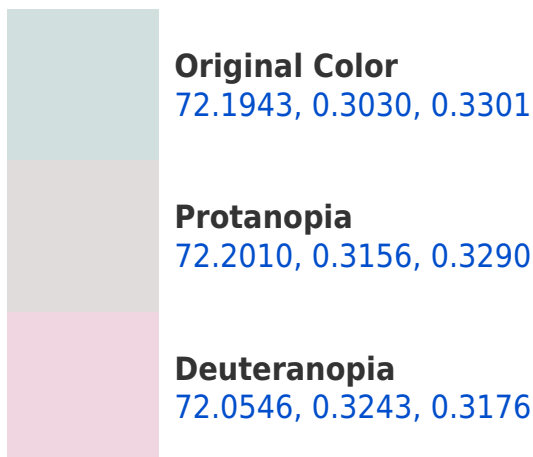


This preview shows how white text looks on a background with the Yxy color 72.1943, 0.3030, 0.3301.

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

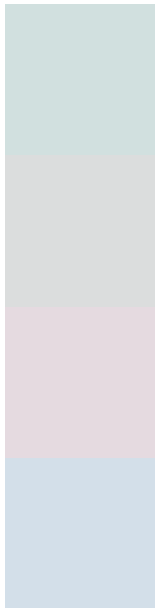




Tritanopia

72.4716, 0.2951, 0.3106

Trichromacy



Original Color

72.1943, 0.3030, 0.3301

Protanomaly

71.9934, 0.3113, 0.3290

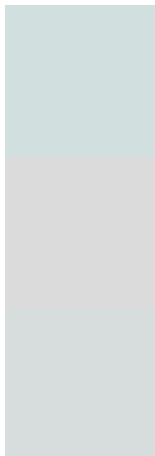
Deuteranomaly

72.1826, 0.3166, 0.3226

Tritanomaly

72.5074, 0.2981, 0.3181

Monochromacy



Original Color

72.1943, 0.3030, 0.3301

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3273, 0.3091, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1943, 0.3030, 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(209, 224, 223)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 223)  
}
```

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(209, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.1943, 0.3030, 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(209, 224, 223) }
```

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

```
.border{ border-color:rgb(209, 224, 223) }
```

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

Here you see how a box with a 4 pixel rgb(209, 224, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.1943, 0.3030, 0.3301$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 223) }
```

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

```
.background{ background-color: rgb(209,  
224, 223) }
```

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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