

Converting Colors

$Yxy(72.1959, 0.3065, 0.3462)$

Have a look what the booklet for
Yxy(72.1959, 0.3065, 0.3462)
contains.

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Color

Yxy(72.3378, 0.3064, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	CBE3D3
RGB	203, 227, 211
RGB Percent	80%, 89%, 83%
CMY	0.2039, 0.1098, 0.1726
CMYK	0.11, 0.00, 0.07, 0.11
HSL	140°, 30%, 84%
HSV	140°, 11%, 89%
XYZ	63.8557, 72.3378, 72.2128
YIQ	218.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

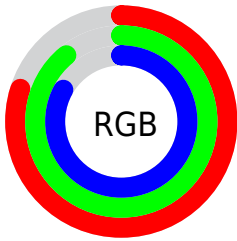
Format	Color
R_{YB}	203, 221, 227
Decimal	13362131
CIE Lab	88.13, -10.92, 5.12
CIE LCh	88, 12.066, 154.880
Yxy	72.3378, 0.3064, 0.3471
Android (android.graphics.Color)	4291552211 (0xFFCBE3D3)
YUV	218.0000, -3.4510, -13.1550
Hunter-Lab	85.0516, -14.8249, 9.1962

Details

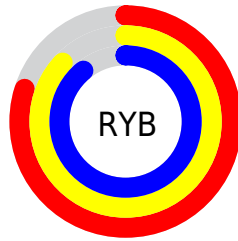
The Yxy color **72.3378, 0.3064, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1650, 0.3196, 0.3116**, and the grayscale version is **70.1421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3289, 0.3046, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **68.6587, 0.3005, 0.3664**, and if you desaturate by 10%, it is **76.5614, 0.3124, 0.3299**.

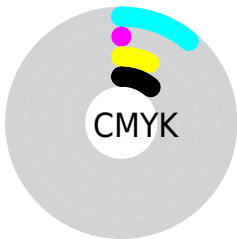
Distribution



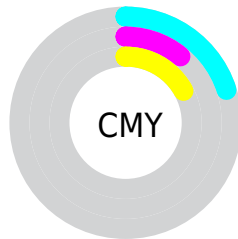
- Red (80%)
- Green (89%)
- Blue (83%)



- Red (80%)
- Yellow (87%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3378, 0.3064, 0.3471 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 72.3378, 0.3064, 0.3471 by changing the saturation by 10% instead.

■ 72.3378, 0.3064,
0.3471

■ 72.3378, 0.3064,
0.3471

468.7165, 0.3094,
0.3386

■ 53.4347, 0.3057,
0.3491

122.5367, 0.3074,
0.3441

■ 38.1499, 0.3048,
0.3515

154.6012, 0.3079,
0.3430

■ 26.0990, 0.3037,
0.3547

191.8216, 0.3082,
0.3420

■ 16.8977, 0.3022,
0.3589

234.5824, 0.3085,
0.3411

■ 10.1616, 0.3002,
0.3647

283.2679, 0.3088,
0.3404

■ 5.5062, 0.2971,
0.3732

338.2625, 0.3090,

■ 2.5472, 0.2920,

0.3397

0.3872

399.9505, 0.3092,
0.3391

0.9002, 0.2789,
0.4264

0.0000, 0.0000,
0.0000

72.3378, 0.3064,
0.3471

72.3378, 0.3064,
0.3471

68.6587, 0.3005,
0.3664

76.5614, 0.3124,
0.3299

65.4927, 0.2949,
0.3879

81.3411, 0.3183,
0.3148

62.8191, 0.2899,
0.4113

83.4205, 0.3140,
0.3019

60.6123, 0.2858,
0.4363

■ 58.8443, 0.2830,
0.4622

■ 57.4839, 0.2816,
0.4881

■ 56.4957, 0.2819,
0.5129

■ 55.8378, 0.2840,
0.5354

■ 55.4543, 0.2872,
0.5538

Harmonies

Analogous

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



72.3378, 0.3211, 0.3539



72.3378, 0.3064, 0.3471



72.3378, 0.2936, 0.3352

Triad

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



72.3378, 0.3064, 0.3471



72.3378, 0.2918, 0.3049



72.3378, 0.3402, 0.3353

Complementary

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



72.3378, 0.3064, 0.3471



64.1650, 0.3196, 0.3116

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.



72.3378, 0.3320, 0.3227



72.3378, 0.3064, 0.3471



72.3378, 0.3039, 0.3054

Square

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



72.3378, 0.3064, 0.3471



72.3378, 0.2853, 0.3107



72.3378, 0.3186, 0.3119



72.3378, 0.3408, 0.3466

Rectangle

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



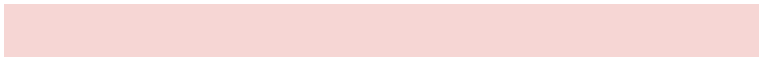
72.3378, 0.3064, 0.3471



72.3378, 0.2878, 0.3261



72.3378, 0.3186, 0.3119



72.3378, 0.3382, 0.3310

Sweetspot

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



72.3409, 0.3064, 0.3471



98.2532, 0.3109, 0.3339



74.3760, 0.3230, 0.3554



20.9327, 0.3104, 0.3353



0.0000, 0.0000, 0.0000



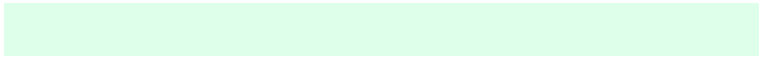
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3409, 0.3064, 0.3471



92.9013, 0.3049, 0.3518



72.9450, 0.2992, 0.3339



16.1678, 0.3071, 0.3451



32.3591, 0.2864, 0.5511



2.4080, 0.2782, 0.5215

Inverse Universe

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



64.1650, 0.3196, 0.3116



79.9537, 0.3215, 0.3073



63.5739, 0.3282, 0.3242



14.5295, 0.3189, 0.3134



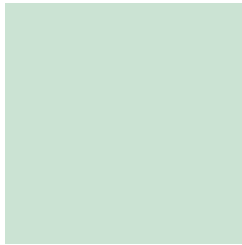
10.8608, 0.4266, 0.2124



0.8196, 0.4073, 0.2017

Previews

White Background



This preview shows how the Yxy color 72.3378, 0.3064, 0.3471 looks on a white background.

Color Contrast Check

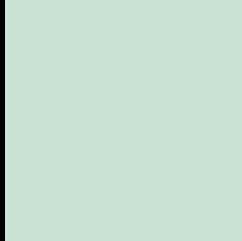
Large Text (above 18pt) WCAG AA × Fail

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 72.3378, 0.3064, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

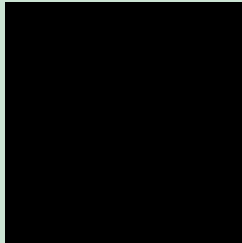
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

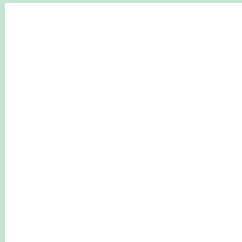
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3378, 0.3064, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 72.3378, 0.3064, 0.3471.

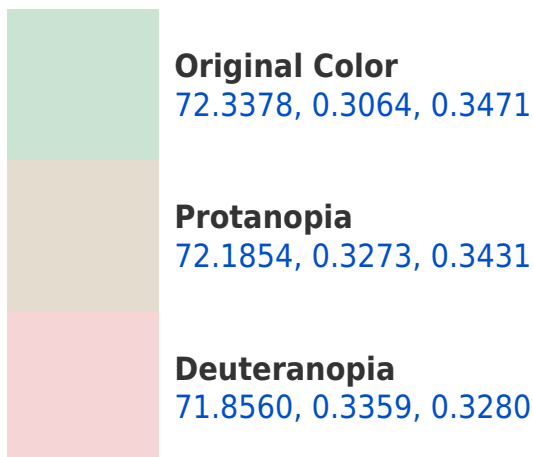


This preview shows how white text looks on a background with the Yxy color 72.3378, 0.3064, 0.3471.

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

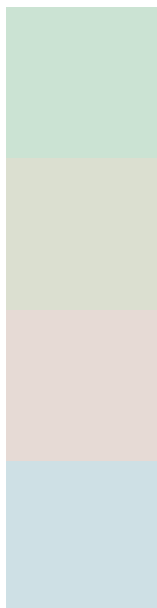




Tritanopia

72.4765, 0.2918, 0.3105

Trichromacy



Original Color

72.3378, 0.3064, 0.3471

Protanomaly

72.3895, 0.3198, 0.3455

Deuteranomaly

71.7699, 0.3248, 0.3344

Tritanomaly

72.0903, 0.2972, 0.3234

Monochromacy



Original Color

72.3378, 0.3064, 0.3471

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7653, 0.3110, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3378, 0.3064, 0.3471 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(203, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(203, 227, 211)  
}
```

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(203, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 227, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.3378, 0.3064, 0.3471 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(203, 227, 211) }
```

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

```
.border{ border-color:rgb(203, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 227,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3378, 0.3064, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 227, 211) }
```

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

```
.background{ background-color: rgb(203,  
227, 211) }
```

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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