

Converting Colors

$Yxy(66.7363, 0.3025, 0.3375)$

Have a look what the booklet for
Yxy(66.7363, 0.3025, 0.3375)
contains.

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Color

Yxy(66.7163, 0.3024, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	C5DAD3
RGB	197, 218, 211
RGB Percent	77%, 85%, 83%
CMY	0.2276, 0.1450, 0.1726
CMYK	0.10, 0.00, 0.03, 0.15
HSL	160°, 22%, 81%
HSV	160°, 10%, 85%
XYZ	59.8487, 66.7163, 71.3475
YIQ	210.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

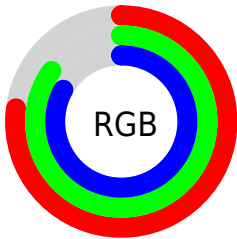
Format	Color
RYB	197, 210, 218
Decimal	12966611
CIELab	85.36, -8.34, 1.04
CIELCh	85, 8.407, 172.860
Yxy	66.7163, 0.3024, 0.3371
Android (android.graphics.Color)	4291156691 (0xFFC5DAD3)
YUV	210.9230, 0.0380, -12.2105
Hunter-Lab	81.6800, -12.1493, 5.3863

Details

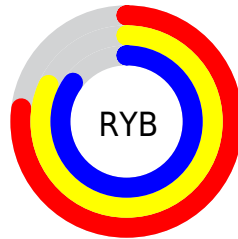
The Yxy color **66.7163, 0.3024, 0.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1860, 0.3242, 0.3210**, and the grayscale version is **65.0911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.4683, 0.2994, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **63.6298, 0.2921, 0.3464**, and if you desaturate by 10%, it is **70.2505, 0.3131, 0.3287**.

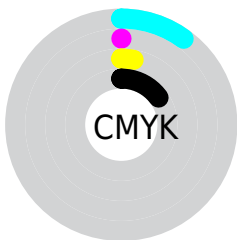
Distribution



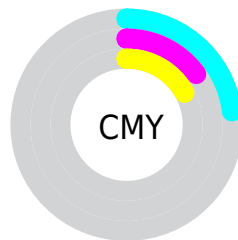
- Red (77%)
- Green (85%)
- Blue (83%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7163, 0.3024, 0.3371 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 66.7163, 0.3024, 0.3371 by changing the saturation by 10% instead.

■ 66.7163, 0.3024,
0.3371

■ 66.7163, 0.3024,
0.3371

448.9343, 0.3073,
0.3333

■ 48.8541, 0.3013,
0.3380

114.5138, 0.3041,
0.3358

■ 34.5038, 0.2999,
0.3391

145.2179, 0.3048,
0.3352

■ 23.2809, 0.2980,
0.3405

180.9714, 0.3053,
0.3348

■ 14.8010, 0.2956,
0.3424

222.1588, 0.3058,
0.3344

■ 8.6799, 0.2923,
0.3451

269.1643, 0.3062,
0.3341

■ 4.5330, 0.2873,
0.3491

322.3725, 0.3066,

■ 1.9759, 0.2792,

0.3338

0.3556

382.1677, 0.3070,
0.3335

0.5934, 0.2360,
0.3886

0.0000, 0.0000,
0.0000

66.7163, 0.3024,
0.3371

66.7163, 0.3024,
0.3371

63.6298, 0.2921,
0.3464

70.2505, 0.3131,
0.3287

60.9642, 0.2825,
0.3566


74.2412, 0.3240,
0.3212


58.7026, 0.2738,
0.3676


77.2820, 0.3294,
0.3143


56.8236, 0.2664,
0.3793


77.7057, 0.3244,
0.3072


 55.3039, 0.2606,
0.3916


 78.1467, 0.3195,
0.3002


 54.1175, 0.2566,
0.4044

 78.6053, 0.3147,
0.2934

 53.2349, 0.2546,
0.4172

 78.6298, 0.3144,
0.2930

 52.6211, 0.2546,
0.4301

 52.2163, 0.2564,
0.4427

Harmonies

Analogous

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



66.7163, 0.3125, 0.3443



66.7163, 0.3024, 0.3371



66.7163, 0.2952, 0.3277

Triad

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



66.7163, 0.3024, 0.3371



66.7163, 0.3026, 0.3113



66.7163, 0.3333, 0.3387

Complementary

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



66.7163, 0.3024, 0.3371



59.1860, 0.3242, 0.3210

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.



66.7163, 0.3306, 0.3299



66.7163, 0.3024, 0.3371



66.7163, 0.3127, 0.3143

Square

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



66.7163, 0.3024, 0.3371



66.7163, 0.2953, 0.3129



66.7163, 0.3230, 0.3211



66.7163, 0.3304, 0.3451

Rectangle

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



66.7163, 0.3024, 0.3371



66.7163, 0.2929, 0.3215



66.7163, 0.3230, 0.3211



66.7163, 0.3330, 0.3359

Sweetspot

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



66.7191, 0.3024, 0.3371



98.4146, 0.3095, 0.3315



67.0645, 0.3169, 0.3534



20.9762, 0.3086, 0.3321



0.0000, 0.0000, 0.0000



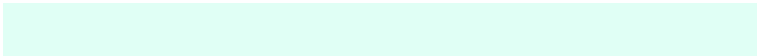
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7191, 0.3024, 0.3371



94.0113, 0.2998, 0.3393



65.4572, 0.2979, 0.3253



14.7519, 0.3026, 0.3369



31.2918, 0.2559, 0.4413



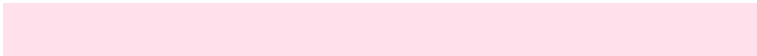
2.0430, 0.2502, 0.4207

Inverse Universe

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



59.1860, 0.3242, 0.3210



80.7619, 0.3275, 0.3189



60.3050, 0.3292, 0.3327



13.1228, 0.3240, 0.3212



9.2336, 0.5629, 0.2874



0.6139, 0.5168, 0.2620

Previews

White Background



This preview shows how the Yxy color 66.7163, 0.3024, 0.3371 looks on a white background.

Color Contrast Check

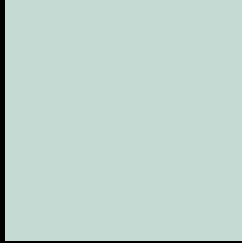
Large Text (above 18pt) WCAG AA × Fail

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 66.7163, 0.3024, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

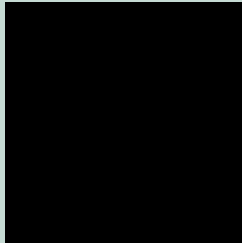
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

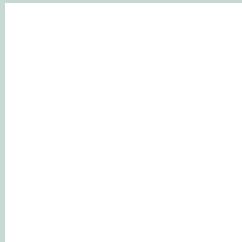
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7163, 0.3024, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 66.7163, 0.3024, 0.3371.

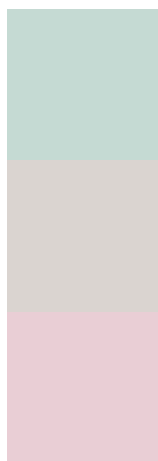


This preview shows how white text looks on a background with the Yxy color 66.7163, 0.3024, 0.3371.

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

66.7163, 0.3024, 0.3371

Protanopia

66.5465, 0.3199, 0.3335

Deuteranopia

66.2703, 0.3284, 0.3215



Tritanopia

66.8446, 0.2918, 0.3099

Trichromacy



Original Color

66.7163, 0.3024, 0.3371

Protanomaly

66.3982, 0.3132, 0.3347

Deuteranomaly

66.0623, 0.3188, 0.3268

Tritanomaly

66.7729, 0.2962, 0.3199

Monochromacy



Original Color

66.7163, 0.3024, 0.3371

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9181, 0.3089, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7163, 0.3024, 0.3371 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(197, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 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(197, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 211) }
```

Border

The CSS property to change the border of an element to Yxy 66.7163, 0.3024, 0.3371 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(197, 218, 211) }
```

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

```
.border{ border-color:rgb(197, 218, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7163, 0.3024, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 211) }
```

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

```
.background{ background-color: rgb(197,  
218, 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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