

Converting Colors

$Y_{xy}(74.9291, 0.2966, 0.3331)$

Have a look what the booklet for
Yxy(74.9291, 0.2966, 0.3331)
contains.

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Color

Yxy(74.8362, 0.2966, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	CBE6E3
RGB	203, 230, 227
RGB Percent	80%, 90%, 89%
CMY	0.2037, 0.0981, 0.1099
CMYK	0.12, 0.00, 0.01, 0.10
HSL	173°, 35%, 85%
HSV	173°, 12%, 90%
XYZ	66.7963, 74.8362, 83.5742
YIQ	221.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

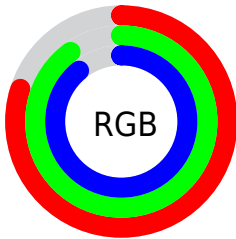
Format	Color
R _Y B	203, 217, 230
Decimal	13362915
CIE Lab	89.32, -9.41, -1.54
CIE LCh	89, 9.537, 189.290
Yxy	74.8362, 0.2966, 0.3323
Android (android.graphics.Color)	4291552995 (0xFFCBE6E3)
YUV	221.5850, 2.6696, -16.2990
Hunter-Lab	86.5079, -13.5617, 3.2762

Details

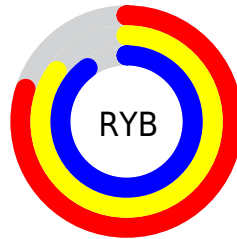
The Yxy color **74.8362, 0.2966, 0.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.0168, 0.3315, 0.3257**, and the grayscale version is **72.7338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6402, 0.2928, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **71.7036, 0.2836, 0.3354**, and if you desaturate by 10%, it is **78.4562, 0.3103, 0.3295**.

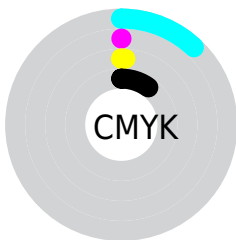
Distribution



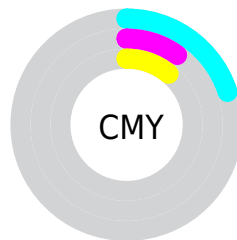
- Red (80%)
- Green (90%)
- Blue (89%)



- Red (80%)
- Yellow (85%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8362, 0.2966, 0.3323 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 74.8362, 0.2966, 0.3323 by changing the saturation by 10% instead.

■ 74.8362, 0.2966,
0.3323

■ 74.8362, 0.2966,
0.3323

477.3544, 0.3040,
0.3308

■ 55.4787, 0.2949,
0.3326

126.0805, 0.2992,
0.3318

■ 39.7851, 0.2928,
0.3330

158.7360, 0.3002,
0.3316

■ 27.3710, 0.2902,
0.3335

196.5931, 0.3010,
0.3314

■ 17.8521, 0.2868,
0.3342

240.0360, 0.3018,
0.3313

■ 10.8438, 0.2822,
0.3350

289.4492, 0.3024,
0.3311

■ 5.9619, 0.2756,
0.3362

345.2171, 0.3030,

■ 2.8219, 0.2653,

0.3310

0.3380

407.7240, 0.3035,
0.3309

1.0395, 0.2464,
0.3413

0.0000, 0.0000,
0.0000

74.8362, 0.2966,
0.3323

74.8362, 0.2966,
0.3323

71.7036, 0.2836,
0.3354

78.4562, 0.3103,
0.3295

69.0281, 0.2717,
0.3388

82.5741, 0.3245,
0.3269

66.7901, 0.2611,
0.3423

83.8337, 0.3269,
0.3244

64.9653, 0.2521,
0.3460

83.9839, 0.3252,
0.3219

■ 63.5266, 0.2449,
0.3499

■ 84.1362, 0.3235,
0.3193

■ 62.4440, 0.2396,
0.3538

■ 84.2908, 0.3219,
0.3168

■ 61.6828, 0.2363,
0.3577

■ 84.4475, 0.3202,
0.3143

■ 61.2016, 0.2348,
0.3616

■ 84.6065, 0.3185,
0.3118

■ 60.9592, 0.2347,
0.3648

■ 84.7676, 0.3169,
0.3094

Harmonies

Analogous

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



74.8362, 0.3062, 0.3419



74.8362, 0.2966, 0.3323



74.8362, 0.2913, 0.3220

Triad

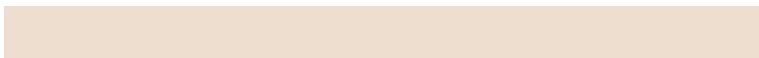
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8362, 0.2966, 0.3323



74.8362, 0.3075, 0.3109



74.8362, 0.3342, 0.3439

Complementary

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



74.8362, 0.2966, 0.3323



64.0168, 0.3315, 0.3257

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.



74.8362, 0.3346, 0.3354



74.8362, 0.2966, 0.3323



74.8362, 0.3190, 0.3166

Square

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



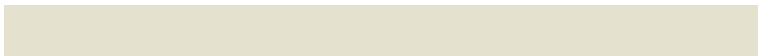
74.8362, 0.2966, 0.3323



74.8362, 0.2975, 0.3099



74.8362, 0.3290, 0.3255



74.8362, 0.3279, 0.3486

Rectangle

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



74.8362, 0.2966, 0.3323



74.8362, 0.2909, 0.3161



74.8362, 0.3290, 0.3255



74.8362, 0.3350, 0.3414

Sweetspot

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



74.8393, 0.2966, 0.3323



98.0430, 0.3071, 0.3301



74.0551, 0.3134, 0.3594



20.9089, 0.3060, 0.3303



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.



74.8393, 0.2966, 0.3323



93.5911, 0.2935, 0.3330



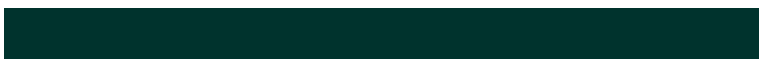
69.4276, 0.2946, 0.3174



16.3070, 0.2996, 0.3316



34.5243, 0.2345, 0.3642



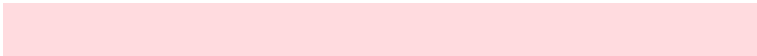
2.5592, 0.2329, 0.3585

Inverse Universe

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



64.0168, 0.3315, 0.3257



77.4242, 0.3359, 0.3250



68.9155, 0.3324, 0.3403



14.3942, 0.3275, 0.3264



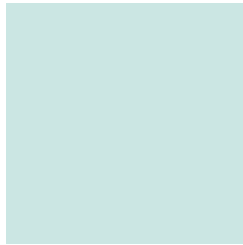
9.5749, 0.6261, 0.3223



0.7164, 0.5963, 0.3059

Previews

White Background



This preview shows how the Yxy color 74.8362, 0.2966, 0.3323 looks on a white background.

Color Contrast Check

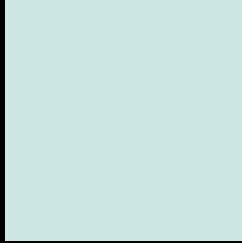
Large Text (above 18pt) WCAG AA × Fail

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 74.8362, 0.2966, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

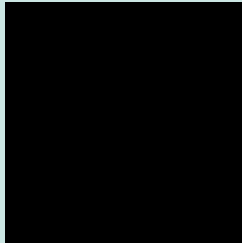
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

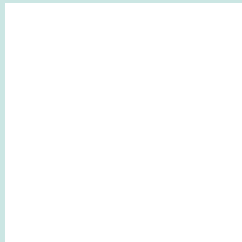
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8362, 0.2966, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 74.8362, 0.2966, 0.3323.

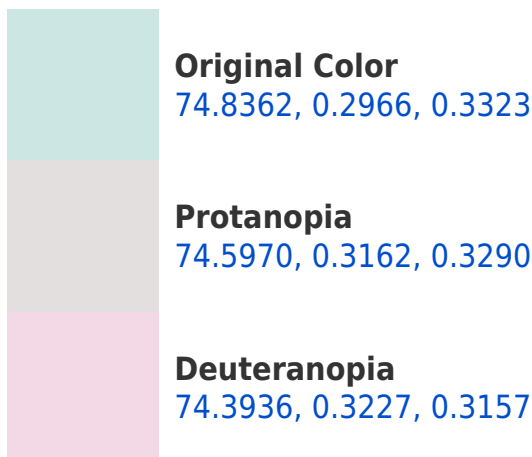


This preview shows how white text looks on a background with the Yxy color 74.8362, 0.2966, 0.3323.

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

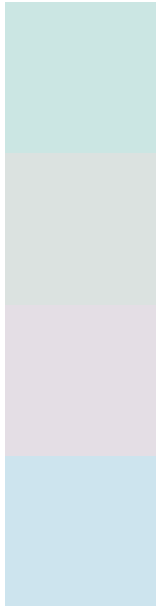




Tritanopia

74.6526, 0.2878, 0.3095

Trichromacy



Original Color

74.8362, 0.2966, 0.3323

Protanomaly

74.8346, 0.3092, 0.3312

Deuteranomaly

74.3937, 0.3124, 0.3216

Tritanomaly

74.6390, 0.2913, 0.3180

Monochromacy



Original Color

74.8362, 0.2966, 0.3323

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6793, 0.3064, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8362, 0.2966, 0.3323 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, 230, 227)` looks like.

```
.text, #text, p{  
    color:rgb(203, 230, 227)  
}
```

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, 230, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 230, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.8362, 0.2966, 0.3323 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, 230, 227) }
```

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

```
.border{ border-color:rgb(203, 230, 227) }
```

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

Here you see how a box with a 4 pixel rgb(203, 230, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 230, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 230, 227);  
box-shadow:4px 4px 4px 4px rgb(203, 230,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8362, 0.2966, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 230, 227) }
```

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

```
.background{ background-color: rgb(203,  
230, 227) }
```

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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