

Converting Colors

$Yxy(74.7086, 0.3067, 0.3327)$

Have a look what the booklet for
Yxy(74.7086, 0.3067, 0.3327)
contains.

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Color

Yxy(74.7671, 0.3064, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	D7E3E0
RGB	215, 227, 224
RGB Percent	84%, 89%, 88%
CMY	0.1567, 0.1098, 0.1214
CMYK	0.05, 0.00, 0.01, 0.11
HSL	165°, 18%, 87%
HSV	165°, 5%, 89%
XYZ	68.9604, 74.7671, 81.3390
YIQ	223.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

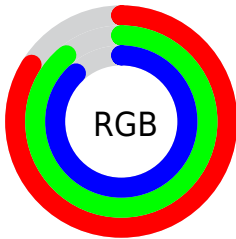
Format	Color
R_{YB}	215, 222, 227
Decimal	14148576
CIE Lab	89.28, -4.52, 0.05
CIE LCh	89, 4.523, 179.344
Yxy	74.7671, 0.3064, 0.3322
Android (android.graphics.Color)	4292338656 (0xFFD7E3E0)
YUV	223.0700, 0.4585, -7.0774
Hunter-Lab	86.4680, -8.9607, 4.7544

Details

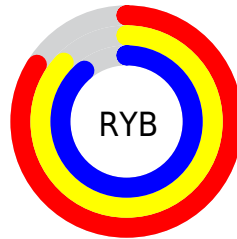
The Yxy color $74.7671, 0.3064, 0.3322$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.0146, 0.3194, 0.3258$, and the grayscale version is $73.8516, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.8432, 0.3045, 0.3332$ is the 20% darker color. If you saturate the color by 10%, you get $71.2680, 0.2947, 0.3388$, and if you desaturate by 10%, it is $78.7595, 0.3185, 0.3263$.

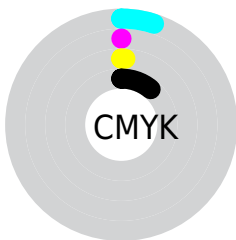
Distribution



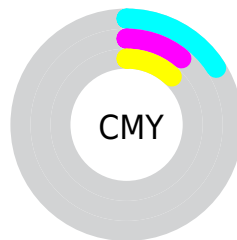
- Red (84%)
- Green (89%)
- Blue (88%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7671, 0.3064, 0.3322 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 74.7671, 0.3064, 0.3322 by changing the saturation by 10% instead.

■ 74.7671, 0.3064,
0.3322

■ 74.7671, 0.3064,
0.3322

477.1167, 0.3093,
0.3307

■ 55.4221, 0.3057,
0.3325

125.9826, 0.3074,
0.3317

■ 39.7398, 0.3049,
0.3329

158.6220, 0.3078,
0.3315

■ 27.3357, 0.3039,
0.3335

196.4615, 0.3081,
0.3313

■ 17.8255, 0.3025,
0.3341

239.8857, 0.3084,
0.3312

■ 10.8248, 0.3007,
0.3351

289.2789, 0.3087,
0.3310

■ 5.9491, 0.2980,
0.3364

345.0256, 0.3089,

■ 2.8142, 0.2939,

0.3309

407.5100, 0.3091,
0.3308

0.3385

1.0355, 0.2864,
0.3422

0.0000, 0.0000,
0.0000

74.7671, 0.3064,
0.3322

74.7671, 0.3064,
0.3322

71.2680, 0.2947,
0.3388

78.7595, 0.3185,
0.3263

68.2329, 0.2837,
0.3460


82.2072, 0.3268,
0.3209


65.6442, 0.2736,
0.3538


82.5379, 0.3231,
0.3154


63.4791, 0.2648,
0.3621

82.8790, 0.3194,
0.3099


 61.7133, 0.2575,
0.3709


 83.2305, 0.3158,
0.3046

 60.3195, 0.2520,
0.3800

 83.4131, 0.3140,
0.3019

 59.2671, 0.2484,
0.3893

 58.5206, 0.2469,
0.3986

 58.0362, 0.2472,
0.4078

Harmonies

Analogous

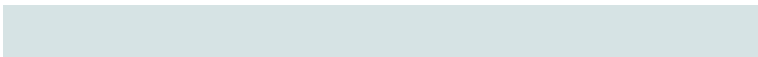
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7671, 0.3114, 0.3362



74.7671, 0.3064, 0.3322



74.7671, 0.3031, 0.3273

Triad

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



74.7671, 0.3064, 0.3322



74.7671, 0.3086, 0.3199



74.7671, 0.3233, 0.3350

Complementary

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



74.7671, 0.3064, 0.3322



70.0146, 0.3194, 0.3258

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.



74.7671, 0.3225, 0.3306



74.7671, 0.3064, 0.3322



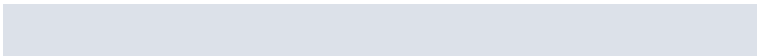
74.7671, 0.3140, 0.3220

Square

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



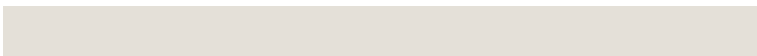
74.7671, 0.3064, 0.3322



74.7671, 0.3043, 0.3203



74.7671, 0.3191, 0.3258



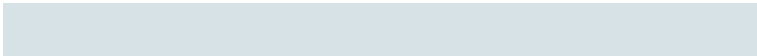
74.7671, 0.3212, 0.3378

Rectangle

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



74.7671, 0.3064, 0.3322



74.7671, 0.3022, 0.3243



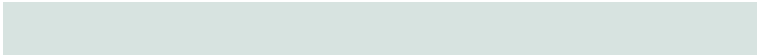
74.7671, 0.3191, 0.3258



74.7671, 0.3233, 0.3336

Sweetspot

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



74.7703, 0.3064, 0.3322



98.9644, 0.3103, 0.3302



74.7517, 0.3142, 0.3420



21.1933, 0.3104, 0.3301



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.



74.7703, 0.3064, 0.3322



96.9711, 0.3055, 0.3327



73.3127, 0.3046, 0.3257



16.4997, 0.3048, 0.3331



33.7693, 0.2474, 0.4107



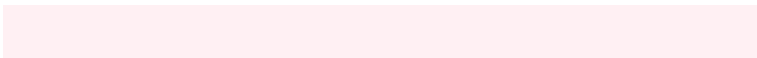
2.5100, 0.2437, 0.3973

Inverse Universe

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



70.0146, 0.3194, 0.3258



89.9044, 0.3205, 0.3253



71.3965, 0.3212, 0.3323



15.1823, 0.3213, 0.3250



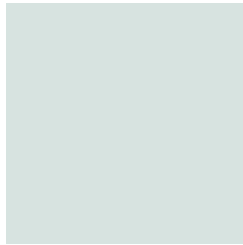
9.7077, 0.5931, 0.3041



0.7319, 0.5518, 0.2813

Previews

White Background



This preview shows how the Yxy color 74.7671, 0.3064, 0.3322 looks on a white background.

Color Contrast Check

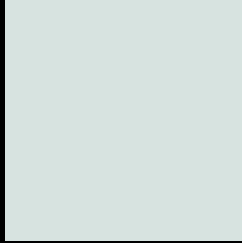
Large Text (above 18pt) WCAG AA × Fail

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 74.7671, 0.3064, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

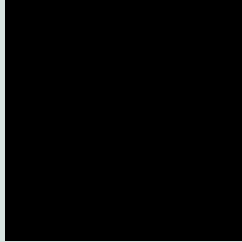
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

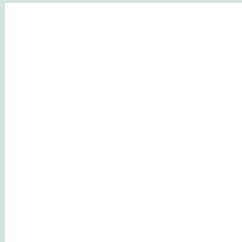
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7671, 0.3064, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 74.7671, 0.3064, 0.3322.

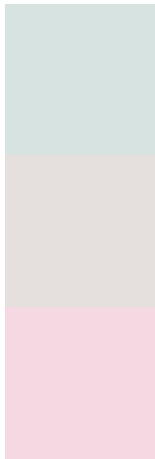


This preview shows how white text looks on a background with the Yxy color 74.7671, 0.3064, 0.3322.

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

74.7671, 0.3064, 0.3322

Protanopia

74.7073, 0.3176, 0.3301

Deuteranopia

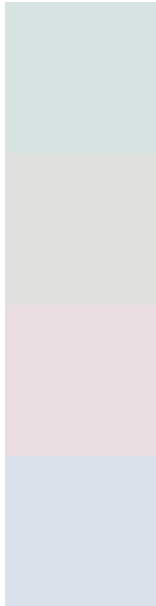
74.5292, 0.3270, 0.3198



Tritanopia

74.6275, 0.2973, 0.3098

Trichromacy



Original Color

74.7671, 0.3064, 0.3322

Protanomaly

74.4863, 0.3134, 0.3301

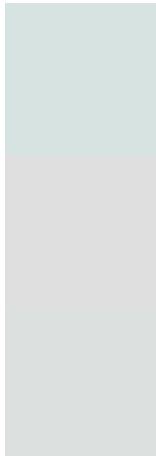
Deuteranomaly

74.6416, 0.3193, 0.3248

Tritanomaly

74.6003, 0.3009, 0.3182

Monochromacy



Original Color

74.7671, 0.3064, 0.3322

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8547, 0.3106, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7671, 0.3064, 0.3322 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(215, 227, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 224)  
}
```

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(215, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 224) }
```

Border

The CSS property to change the border of an element to Yxy 74.7671, 0.3064, 0.3322 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(215, 227, 224) }
```

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

```
.border{ border-color:rgb(215, 227, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7671, 0.3064, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 224) }
```

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

```
.background{ background-color: rgb(215,  
227, 224) }
```

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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