

Converting Colors

$Yxy(73.2450, 0.2994, 0.3210)$

Have a look what the booklet for
Yxy(73.2450, 0.2994, 0.3210)
contains.

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Color

Yxy(73.1346, 0.2994, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	D4E0E8
RGB	212, 224, 232
RGB Percent	83%, 88%, 91%
CMY	0.1687, 0.1215, 0.0903
CMYK	0.09, 0.03, 0.00, 0.09
HSL	204°, 30%, 87%
HSV	204°, 9%, 91%
XYZ	68.3625, 73.1346, 86.8345
YIQ	221.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

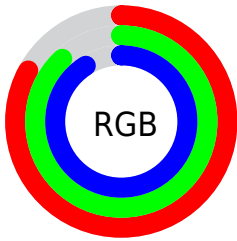
Format	Color
R _Y B	212, 220, 232
Decimal	13951208
CIE Lab	88.51, -2.50, -5.28
CIE LCh	89, 5.838, 244.673
Yxy	73.1346, 0.2994, 0.3203
Android (android.graphics.Color)	4292141288 (0xFFD4E0E8)
YUV	221.3240, 5.2633, -8.1771
Hunter-Lab	85.5188, -6.9675, -0.3391

Details

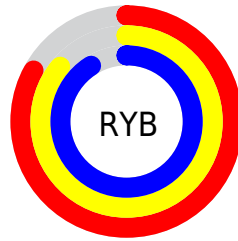
The Yxy color **73.1346, 0.2994, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0501, 0.3268, 0.3375**, and the grayscale version is **72.5110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6786, 0.2963, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **65.1091, 0.2837, 0.3092**, and if you desaturate by 10%, it is **81.9306, 0.3148, 0.3303**.

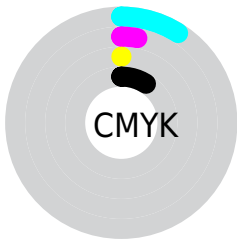
Distribution



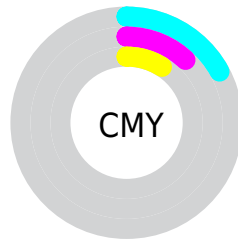
- Red (83%)
- Green (88%)
- Blue (91%)



- Red (83%)
- Yellow (86%)
- Blue (91%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1346, 0.2994, 0.3203 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 73.1346, 0.2994, 0.3203 by changing the saturation by 10% instead.

■ 73.1346, 0.2994,
0.3203

■ 73.1346, 0.2994,
0.3203

471.4812, 0.3055,
0.3244

■ 54.0860, 0.2980,
0.3194

123.6683, 0.3015,
0.3217

■ 38.6704, 0.2963,
0.3182

155.9222, 0.3024,
0.3223

■ 26.5035, 0.2941,
0.3167

193.3466, 0.3031,
0.3227

■ 17.2007, 0.2912,
0.3148

236.3260, 0.3037,
0.3231

■ 10.3777, 0.2874,
0.3122

285.2448, 0.3042,
0.3235

■ 5.6501, 0.2818,
0.3083

340.4873, 0.3047,

■ 2.6335, 0.2731,

0.3238

402.4380, 0.3052,
0.3241

0.3023

0.9435, 0.2576,
0.2912

0.0000, 0.0000,
0.0000

73.1346, 0.2994,
0.3203

73.1346, 0.2994,
0.3203

65.1091, 0.2837,
0.3092

81.9306, 0.3148,
0.3303

57.8196, 0.2679,
0.2969

90.8678, 0.3275,
0.3393

51.2424, 0.2524,
0.2837

96.5132, 0.3265,
0.3482

45.3486, 0.2376,
0.2694

98.6045, 0.3262,
0.3513

■ 40.1071, 0.2239,
0.2545

■ 35.4835, 0.2117,
0.2391

■ 31.4393, 0.2014,
0.2235

■ 27.9298, 0.1933,
0.2081

■ 24.8909, 0.1872,
0.1931

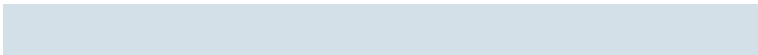
Harmonies

Analogous

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



73.1346, 0.2998, 0.3257



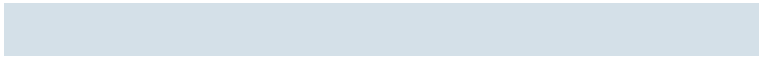
73.1346, 0.2994, 0.3203



73.1346, 0.3026, 0.3173

Triad

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



73.1346, 0.2994, 0.3203



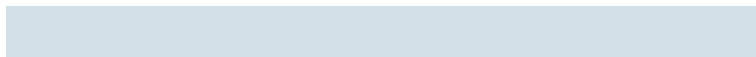
73.1346, 0.3220, 0.3259



73.1346, 0.3169, 0.3409

Complementary

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



73.1346, 0.2994, 0.3203



73.0501, 0.3268, 0.3375

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.



73.1346, 0.3229, 0.3408



73.1346, 0.2994, 0.3203



73.1346, 0.3259, 0.3321

Square

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



73.1346, 0.2994, 0.3203



73.1346, 0.3156, 0.3206



73.1346, 0.3262, 0.3376



73.1346, 0.3098, 0.3377

Rectangle

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



73.1346, 0.2994, 0.3203



73.1346, 0.3063, 0.3171



73.1346, 0.3262, 0.3376



73.1346, 0.3191, 0.3412

Sweetspot

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



73.1377, 0.2994, 0.3203



96.6520, 0.3081, 0.3261



76.8378, 0.3069, 0.3425



20.4992, 0.3069, 0.3252



0.0000, 0.0000, 0.0000



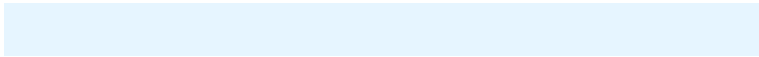
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1377, 0.2994, 0.3203



89.1796, 0.2972, 0.3188



68.0646, 0.2994, 0.3095



15.3240, 0.2981, 0.3194



13.8564, 0.1871, 0.1935



1.2043, 0.1932, 0.2154

Inverse Universe

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



69.6062, 0.3192, 0.3162



84.1597, 0.3204, 0.3140



78.2951, 0.3258, 0.3477



14.5131, 0.3199, 0.3149



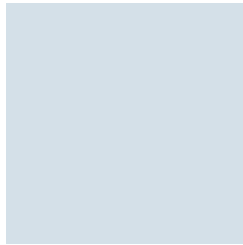
10.5965, 0.4527, 0.2267



0.8013, 0.4282, 0.2133

Previews

White Background



This preview shows how the Yxy color 73.1346, 0.2994, 0.3203 looks on a white background.

Color Contrast Check

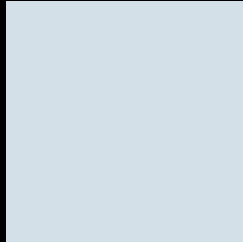
Large Text (above 18pt) WCAG AA × Fail

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 73.1346, 0.2994, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

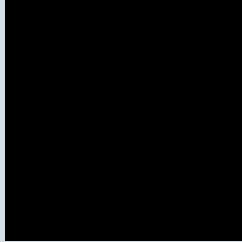
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

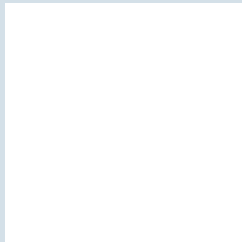
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1346, 0.2994, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 73.1346, 0.2994, 0.3203.

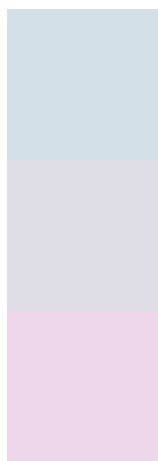


This preview shows how white text looks on a background with the Yxy color 73.1346, 0.2994, 0.3203.

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

73.1346, 0.2994, 0.3203

Protanopia

73.1140, 0.3082, 0.3194

Deuteranopia

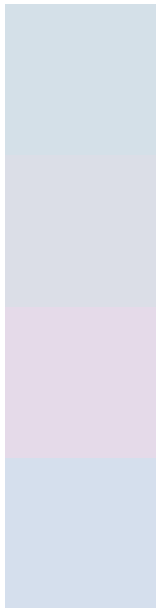
72.7185, 0.3165, 0.3093



Tritanopia

73.2128, 0.2951, 0.3107

Trichromacy



Original Color

73.1346, 0.2994, 0.3203

Protanomaly

73.0721, 0.3048, 0.3193

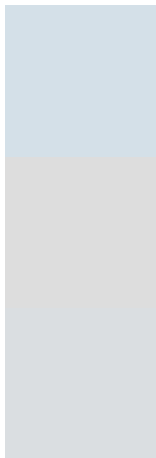
Deuteranomaly

72.6840, 0.3106, 0.3132

Tritanomaly

73.0359, 0.2970, 0.3138

Monochromacy



Original Color

73.1346, 0.2994, 0.3203

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.5842, 0.3080, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1346, 0.2994, 0.3203 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(212, 224, 232)` looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 232)  
}
```

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(212, 224, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 232) }
```

Border

The CSS property to change the border of an element to Yxy 73.1346, 0.2994, 0.3203 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(212, 224, 232) }
```

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

```
.border{ border-color:rgb(212, 224, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 232);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1346, 0.2994, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 232) }
```

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

```
.background{ background-color: rgb(212,  
224, 232) }
```

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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