

Converting Colors

$Yxy(73.8001, 0.2992, 0.3218)$

Have a look what the booklet for
Yxy(73.8001, 0.2992, 0.3218)
contains.

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Color

Yxy(73.6737, 0.2994, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	D4E1E8
RGB	212, 225, 232
RGB Percent	83%, 88%, 91%
CMY	0.1688, 0.1176, 0.0903
CMYK	0.09, 0.03, 0.00, 0.09
HSL	201°, 30%, 87%
HSV	201°, 9%, 91%
XYZ	68.6307, 73.6737, 86.9230
YIQ	221.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

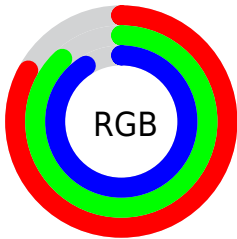
Format	Color
R _Y B	212, 220, 232
Decimal	13951464
CIE Lab	88.77, -3.02, -4.90
CIE LCh	89, 5.753, 238.375
Yxy	73.6737, 0.2994, 0.3214
Android (android.graphics.Color)	4292141544 (0xFFD4E1E8)
YUV	221.9110, 4.9739, -8.6919
Hunter-Lab	85.8334, -7.4833, 0.0407

Details

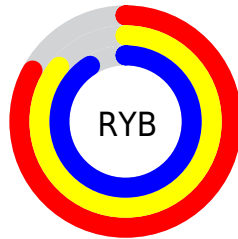
The Yxy color **73.6737, 0.2994, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5219, 0.3269, 0.3365**, and the grayscale version is **72.9475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0521, 0.2963, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **66.2178, 0.2838, 0.3117**, and if you desaturate by 10%, it is **81.8368, 0.3148, 0.3301**.

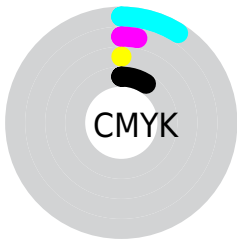
Distribution



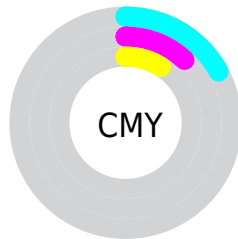
- Red (83%)
- Green (88%)
- Blue (91%)



- 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 73.6737, 0.2994, 0.3214 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 73.6737, 0.2994, 0.3214 by changing the saturation by 10% instead.

■ 73.6737, 0.2994,
0.3214

■ 73.6737, 0.2994,
0.3214

473.3464, 0.3055,
0.3249

■ 54.5270, 0.2980,
0.3206

124.4331, 0.3015,
0.3226

■ 39.0232, 0.2963,
0.3196

156.8147, 0.3023,
0.3231

■ 26.7777, 0.2941,
0.3183

194.3767, 0.3031,
0.3235

■ 17.4064, 0.2913,
0.3166

237.5034, 0.3037,
0.3239

■ 10.5246, 0.2874,
0.3143

286.5794, 0.3042,
0.3242

■ 5.7482, 0.2819,
0.3109

341.9890, 0.3047,

■ 2.6926, 0.2733,

0.3245

0.3056

404.1165, 0.3051,
0.3247

■ 0.9734, 0.2580,
0.2958

■ 0.0000, 0.0000,
0.0000

■ 73.6737, 0.2994,
0.3214

■ 73.6737, 0.2994,
0.3214

■ 66.2178, 0.2838,
0.3117

■ 81.8368, 0.3148,
0.3301

■ 59.4359, 0.2683,
0.3011

■ 90.0775, 0.3276,
0.3380

■ 53.3058, 0.2533,
0.2896

■ 94.9594, 0.3268,
0.3458

■ 47.8003, 0.2391,
0.2773

■ 98.6044, 0.3262,
0.3513

■ 42.8895, 0.2261,
0.2644

■ 38.5410, 0.2146,
0.2511

■ 34.7177, 0.2051,
0.2376

■ 31.3767, 0.1976,
0.2242

■ 28.4559, 0.1922,
0.2111

Harmonies

Analogous

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



73.6737, 0.3005, 0.3270



73.6737, 0.2994, 0.3214



73.6737, 0.3018, 0.3179

Triad

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



73.6737, 0.2994, 0.3214



73.6737, 0.3206, 0.3248



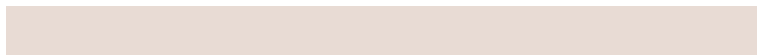
73.6737, 0.3182, 0.3409

Complementary

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



73.6737, 0.2994, 0.3214



72.5219, 0.3269, 0.3365

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.



73.6737, 0.3237, 0.3402



73.6737, 0.2994, 0.3214



73.6737, 0.3251, 0.3308

Square

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



73.6737, 0.2994, 0.3214



73.6737, 0.3141, 0.3199



73.6737, 0.3262, 0.3364



73.6737, 0.3113, 0.3384

Rectangle

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



73.6737, 0.2994, 0.3214



73.6737, 0.3051, 0.3172



73.6737, 0.3262, 0.3364



73.6737, 0.3203, 0.3411

Sweetspot

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



73.6768, 0.2994, 0.3214



96.8935, 0.3081, 0.3264



76.7830, 0.3075, 0.3436



20.5644, 0.3068, 0.3257



0.0000, 0.0000, 0.0000



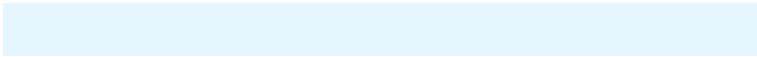
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6768, 0.2994, 0.3214



89.9567, 0.2972, 0.3201



68.5701, 0.2994, 0.3107



15.4491, 0.2981, 0.3206



15.8351, 0.1921, 0.2114



1.3423, 0.1974, 0.2306

Inverse Universe

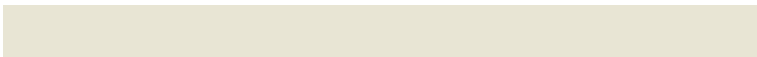
The Inverse Universe completely reimagines the original color for something new.



69.6578, 0.3185, 0.3151



84.2381, 0.3195, 0.3128



77.7394, 0.3259, 0.3467



14.5257, 0.3191, 0.3138



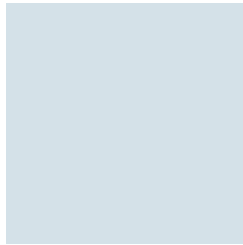
10.7963, 0.4326, 0.2157



0.8152, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 73.6737, 0.2994, 0.3214 looks on a white background.

Color Contrast Check

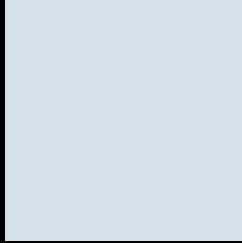
Large Text (above 18pt) WCAG AA × Fail

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 73.6737, 0.2994, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

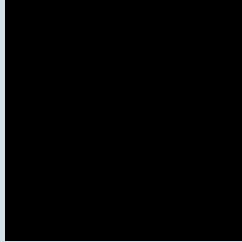
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

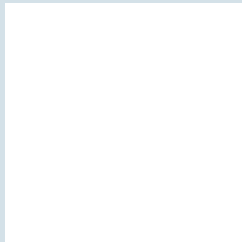
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6737, 0.2994, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 73.6737, 0.2994, 0.3214.

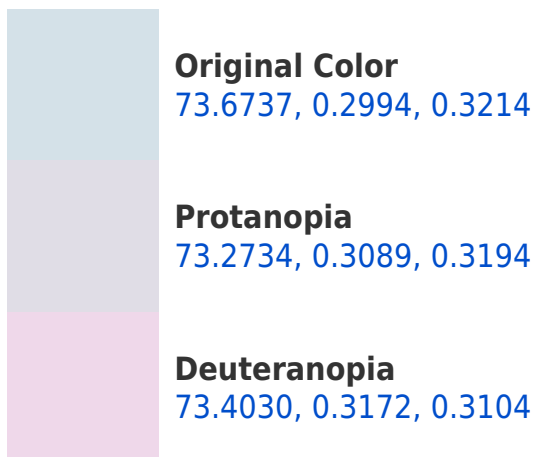


This preview shows how white text looks on a background with the Yxy color 73.6737, 0.2994, 0.3214.

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

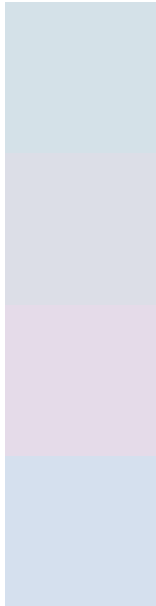




Tritanopia

73.9583, 0.2952, 0.3107

Trichromacy



Original Color

73.6737, 0.2994, 0.3214

Protanomaly

73.2277, 0.3055, 0.3193

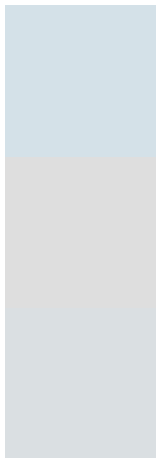
Deuteranomaly

73.2042, 0.3106, 0.3142

Tritanomaly

73.6305, 0.2964, 0.3139

Monochromacy



Original Color

73.6737, 0.2994, 0.3214

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1718, 0.3073, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6737, 0.2994, 0.3214 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, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 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, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 232) }
```

Border

The CSS property to change the border of an element to Yxy 73.6737, 0.2994, 0.3214 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, 225, 232) }
```

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

```
.border{ border-color:rgb(212, 225, 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, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6737, 0.2994, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 232) }
```

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

```
.background{ background-color: rgb(212,  
225, 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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