

Converting Colors

$Y_{xy}(73.2512, 0.2960, 0.3154)$

Have a look what the booklet for
Yxy(73.2512, 0.2960, 0.3154)
contains.

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Color

Yxy(73.2163, 0.2963, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	D3E0EC
RGB	211, 224, 236
RGB Percent	83%, 88%, 93%
CMY	0.1723, 0.1216, 0.0744
CMYK	0.11, 0.05, 0.00, 0.07
HSL	209°, 40%, 88%
HSV	209°, 11%, 93%
XYZ	68.6736, 73.2163, 89.8806
YIQ	221.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

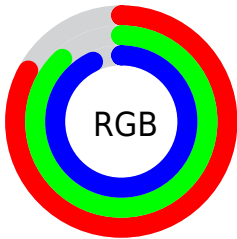
Format	Color
R _Y B	211, 220, 236
Decimal	13885676
CIE Lab	88.55, -1.99, -7.35
CIE LCh	89, 7.618, 254.883
Yxy	73.2163, 0.2963, 0.3159
Android (android.graphics.Color)	4292075756 (0xFFD3E0EC)
YUV	221.4810, 7.1579, -9.1918
Hunter-Lab	85.5665, -6.4817, -2.3827

Details

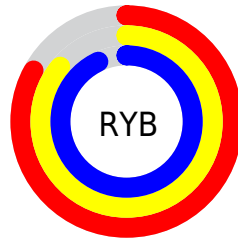
The Yxy color **73.2163, 0.2963, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3632, 0.3300, 0.3418**, and the grayscale version is **72.6250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7391, 0.2923, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **64.0738, 0.2802, 0.3021**, and if you desaturate by 10%, it is **83.2858, 0.3118, 0.3283**.

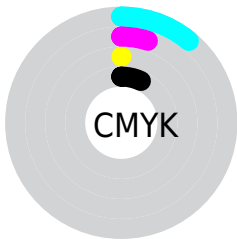
Distribution



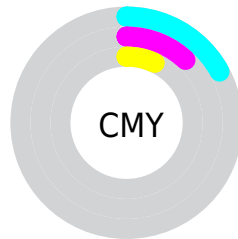
- Red (83%)
- Green (88%)
- Blue (93%)



- Red (83%)
- Yellow (86%)
- Blue (93%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2163, 0.2963, 0.3159 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 73.2163, 0.2963, 0.3159 by changing the saturation by 10% instead.

■ 73.2163, 0.2963,
0.3159

■ 73.2163, 0.2963,
0.3159

471.7641, 0.3039,
0.3220

■ 54.1528, 0.2946,
0.3145

123.7842, 0.2989,
0.3180

■ 38.7239, 0.2925,
0.3128

156.0575, 0.2999,
0.3188

■ 26.5450, 0.2898,
0.3106

193.5028, 0.3008,
0.3195

■ 17.2318, 0.2863,
0.3077

236.5046, 0.3016,
0.3202

■ 10.3999, 0.2815,
0.3038

285.4472, 0.3023,
0.3207

■ 5.6649, 0.2747,
0.2982

340.7151, 0.3029,

■ 2.6424, 0.2641,

0.3212

0.2893

402.6926, 0.3034,
0.3216

■ 0.9480, 0.2454,
0.2733

■ 0.0000, 0.0000,
0.0000

■ 73.2163, 0.2963,
0.3159

■ 73.2163, 0.2963,
0.3159

■ 64.0738, 0.2802,
0.3021

■ 83.2858, 0.3118,
0.3283

■ 55.8189, 0.2639,
0.2868

■ 93.6779, 0.3245,
0.3394

■ 48.4227, 0.2477,
0.2702

■ 98.8371, 0.3238,
0.3473

■ 41.8509, 0.2320,
0.2525

■ 36.0665, 0.2174,
0.2340

■ 31.0287, 0.2042,
0.2150

■ 26.6919, 0.1931,
0.1961

■ 23.0032, 0.1844,
0.1777

■ 20.0426, 0.1782,
0.1613

Harmonies

Analogous

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



73.2163, 0.2952, 0.3220



73.2163, 0.2963, 0.3159



73.2163, 0.3018, 0.3134

Triad

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



73.2163, 0.2963, 0.3159



73.2163, 0.3270, 0.3277



73.2163, 0.3150, 0.3436

Complementary

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



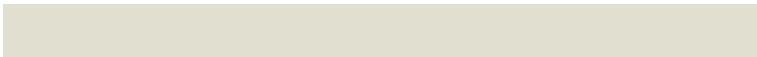
73.2163, 0.2963, 0.3159



75.3632, 0.3300, 0.3418

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.



73.2163, 0.3236, 0.3450



73.2163, 0.2963, 0.3159



73.2163, 0.3306, 0.3356

Square

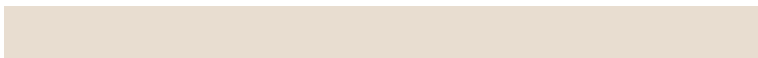
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2163, 0.2963, 0.3159



73.2163, 0.3195, 0.3202



73.2163, 0.3294, 0.3420



73.2163, 0.3059, 0.3381

Rectangle

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



73.2163, 0.2963, 0.3159



73.2163, 0.3072, 0.3140



73.2163, 0.3294, 0.3420



73.2163, 0.3180, 0.3445

Sweetspot

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



73.2194, 0.2963, 0.3159



96.2480, 0.3081, 0.3254



79.1694, 0.3044, 0.3434



20.3901, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



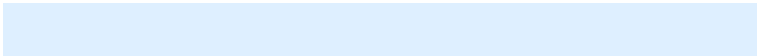
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2194, 0.2963, 0.3159



84.4728, 0.2924, 0.3126



66.9467, 0.2961, 0.3025



15.8399, 0.2981, 0.3174



11.3072, 0.1789, 0.1641



1.0805, 0.1857, 0.1885

Inverse Universe

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



69.8343, 0.3223, 0.3154



79.6563, 0.3248, 0.3121



82.0638, 0.3286, 0.3542



15.1844, 0.3212, 0.3169



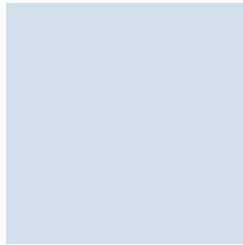
10.6343, 0.4880, 0.2462



0.8545, 0.4585, 0.2300

Previews

White Background



This preview shows how the Yxy color 73.2163, 0.2963, 0.3159 looks on a white background.

Color Contrast Check

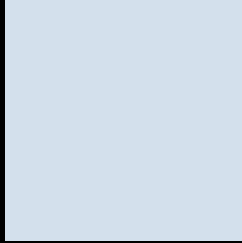
Large Text (above 18pt) WCAG AA × Fail

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 73.2163, 0.2963, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

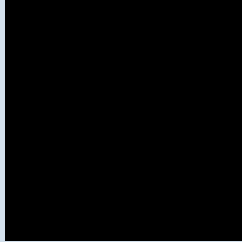
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

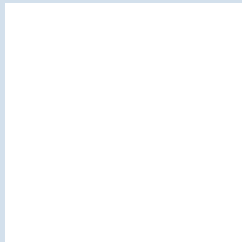
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2163, 0.2963, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 73.2163, 0.2963, 0.3159.

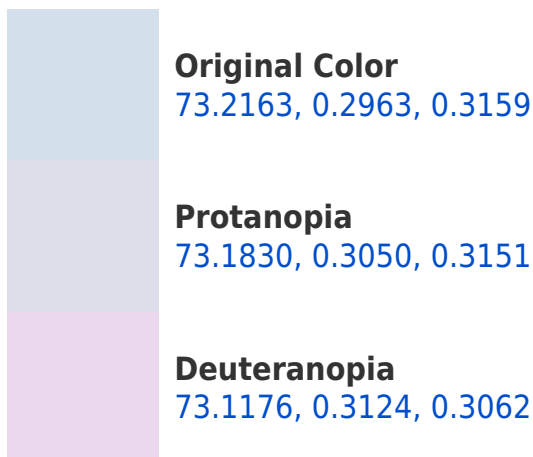


This preview shows how white text looks on a background with the Yxy color 73.2163, 0.2963, 0.3159.

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

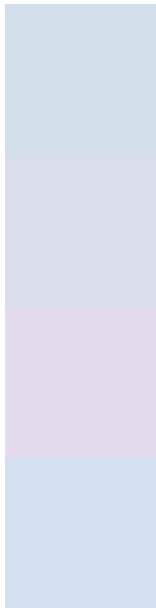




Tritanopia

73.1233, 0.2939, 0.3096

Trichromacy



Original Color

73.2163, 0.2963, 0.3159

Protanomaly

73.1461, 0.3016, 0.3150

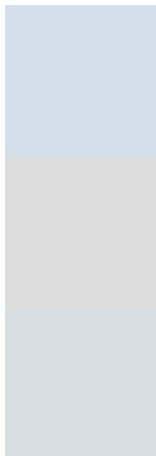
Deuteranomaly

73.1084, 0.3066, 0.3100

Tritanomaly

73.0044, 0.2951, 0.3117

Monochromacy



Original Color

73.2163, 0.2963, 0.3159

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4853, 0.3066, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2163, 0.2963, 0.3159 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(211, 224, 236)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 236)  
}
```

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(211, 224, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 236) }
```

Border

The CSS property to change the border of an element to Yxy 73.2163, 0.2963, 0.3159 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(211, 224, 236) }
```

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

```
.border{ border-color:rgb(211, 224, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 224, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 236);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2163, 0.2963, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 236) }
```

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

```
.background{ background-color: rgb(211,  
224, 236) }
```

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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