

Converting Colors

$Yxy(72.8667, 0.2933, 0.3148)$

Have a look what the booklet for
Yxy(72.8667, 0.2933, 0.3148)
contains.

Yxy(72.8356, 0.2937, 0.3148)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.8356, 0.2937, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	D0E0ED
RGB	208, 224, 237
RGB Percent	82%, 88%, 93%
CMY	0.1843, 0.1216, 0.0707
CMYK	0.12, 0.05, 0.00, 0.07
HSL	207°, 45%, 87%
HSV	207°, 12%, 93%
XYZ	67.9537, 72.8356, 90.5818
YIQ	220.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

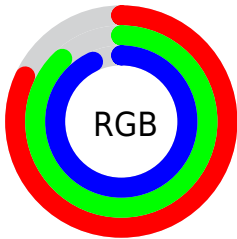
Format	Color
R _Y B	208, 218, 237
Decimal	13689069
CIE Lab	88.37, -2.78, -8.15
CIE LCh	88, 8.614, 251.188
Yxy	72.8356, 0.2937, 0.3148
Android (android.graphics.Color)	4291879149 (0xFFD0E0ED)
YUV	220.6980, 8.0369, -11.1361
Hunter-Lab	85.3438, -7.2237, -3.1883

Details

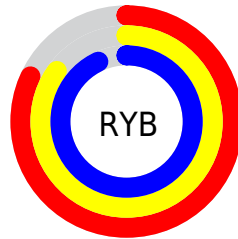
The Yxy color **72.8356, 0.2937, 0.3148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2622, 0.3331, 0.3428**, and the grayscale version is **72.0356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4844, 0.2890, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **64.1271, 0.2777, 0.3017**, and if you desaturate by 10%, it is **82.4196, 0.3093, 0.3266**.

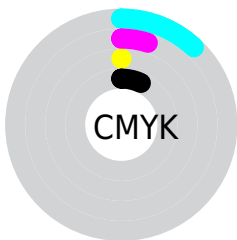
Distribution



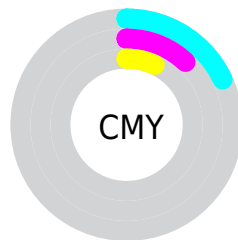
- Red (82%)
- Green (88%)
- Blue (93%)



- Red (82%)
- Yellow (85%)
- Blue (93%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8356, 0.2937, 0.3148 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 72.8356, 0.2937, 0.3148 by changing the saturation by 10% instead.

■ 72.8356, 0.2937,
0.3148

■ 72.8356, 0.2937,
0.3148

470.4448, 0.3025,
0.3214

■ 53.8415, 0.2917,
0.3133

123.2438, 0.2967,
0.3171

■ 38.4750, 0.2893,
0.3114

155.4267, 0.2979,
0.3180

■ 26.3516, 0.2861,
0.3090

192.7747, 0.2989,
0.3188

■ 17.0868, 0.2821,
0.3059

235.6722, 0.2998,
0.3194

■ 10.2964, 0.2766,
0.3016

284.5036, 0.3006,
0.3200

■ 5.5959, 0.2687,
0.2954

339.6532, 0.3013,

■ 2.6010, 0.2565,

0.3205

0.2856

401.5055, 0.3019,
0.3210

0.9272, 0.2350,
0.2681

0.0000, 0.0000,
0.0000

72.8356, 0.2937,
0.3148

72.8356, 0.2937,
0.3148

64.1271, 0.2777,
0.3017

82.4196, 0.3093,
0.3266

56.2559, 0.2616,
0.2874

92.8201, 0.3241,
0.3371

49.1941, 0.2458,
0.2719

98.8933, 0.3232,
0.3464

42.9082, 0.2307,
0.2554

■ 37.3622, 0.2167,
0.2381

■ 32.5162, 0.2044,
0.2205

■ 28.3251, 0.1942,
0.2029

■ 24.7358, 0.1862,
0.1859

■ 22.3004, 0.1814,
0.1731

Harmonies

Analogous

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



72.8356, 0.2931, 0.3221



72.8356, 0.2937, 0.3148



72.8356, 0.2993, 0.3115

Triad

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



72.8356, 0.2937, 0.3148



72.8356, 0.3280, 0.3264



72.8356, 0.3166, 0.3460

Complementary

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



72.8356, 0.2937, 0.3148



74.2622, 0.3331, 0.3428

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.



72.8356, 0.3261, 0.3469



72.8356, 0.2937, 0.3148



72.8356, 0.3328, 0.3354

Square

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



72.8356, 0.2937, 0.3148



72.8356, 0.3191, 0.3182



72.8356, 0.3321, 0.3430



72.8356, 0.3061, 0.3403

Rectangle

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



72.8356, 0.2937, 0.3148



72.8356, 0.3053, 0.3118



72.8356, 0.3321, 0.3430



72.8356, 0.3200, 0.3469

Sweetspot

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



72.8386, 0.2937, 0.3148



95.2360, 0.3066, 0.3245



79.1659, 0.3036, 0.3469



20.1967, 0.3054, 0.3237



0.0000, 0.0000, 0.0000



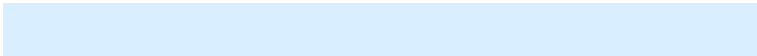
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8386, 0.2937, 0.3148



83.0050, 0.2892, 0.3112



65.5899, 0.2934, 0.2991



15.9278, 0.2981, 0.3182



12.4435, 0.1822, 0.1757



1.1687, 0.1886, 0.1988

Inverse Universe

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



68.5007, 0.3232, 0.3122



76.9221, 0.3260, 0.3081



82.0006, 0.3312, 0.3573



15.1933, 0.3206, 0.3161



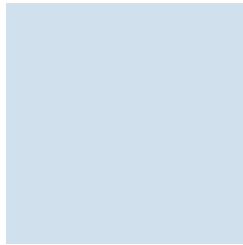
10.7490, 0.4737, 0.2383



0.8634, 0.4467, 0.2234

Previews

White Background



This preview shows how the Yxy color 72.8356, 0.2937, 0.3148 looks on a white background.

Color Contrast Check

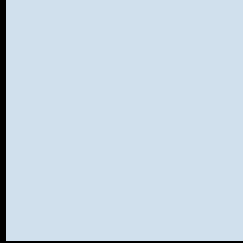
Large Text (above 18pt) WCAG AA × Fail

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 72.8356, 0.2937, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

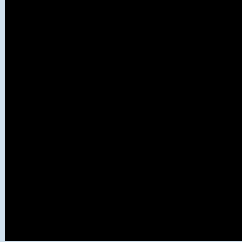
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

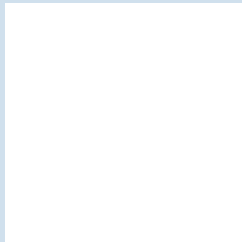
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8356, 0.2937, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 72.8356, 0.2937, 0.3148.

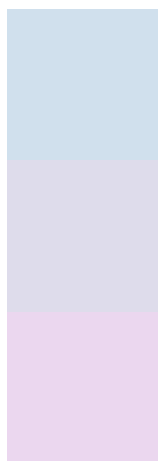


This preview shows how white text looks on a background with the Yxy color 72.8356, 0.2937, 0.3148.

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

72.8356, 0.2937, 0.3148

Protanopia

72.7142, 0.3044, 0.3130

Deuteranopia

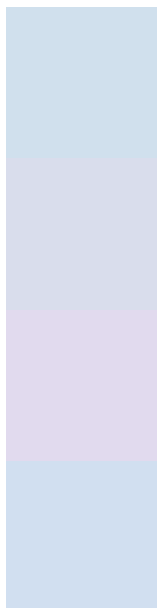
72.4950, 0.3110, 0.3041



Tritanopia

72.6815, 0.2919, 0.3094

Trichromacy



Original Color

72.8356, 0.2937, 0.3148

Protanomaly

72.5207, 0.3003, 0.3128

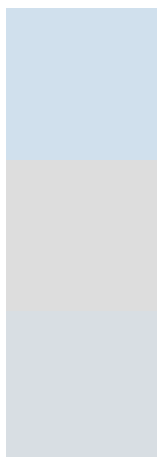
Deuteranomaly

72.3234, 0.3045, 0.3078

Tritanomaly

72.6219, 0.2925, 0.3105

Monochromacy



Original Color

72.8356, 0.2937, 0.3148

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3875, 0.3053, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8356, 0.2937, 0.3148 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(208, 224, 237)` looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 237)  
}
```

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(208, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 237) }
```

Border

The CSS property to change the border of an element to Yxy 72.8356, 0.2937, 0.3148 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(208, 224, 237) }
```

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

```
.border{ border-color:rgb(208, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
237) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8356, 0.2937, 0.3148$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 237) }
```

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

```
.background{ background-color: rgb(208,  
224, 237) }
```

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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