

Converting Colors

$Yxy(76.3763, 0.2939, 0.3232)$

Have a look what the booklet for
Yxy(76.3763, 0.2939, 0.3232)
contains.

Yxy(76.4734, 0.2938, 0.3235)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.4734, 0.2938, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	CFE7EC
RGB	207, 231, 236
RGB Percent	81%, 91%, 93%
CMY	0.1882, 0.0941, 0.0744
CMYK	0.12, 0.02, 0.00, 0.07
HSL	190°, 43%, 87%
HSV	190°, 12%, 93%
XYZ	69.4525, 76.4734, 90.4679
YIQ	224.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

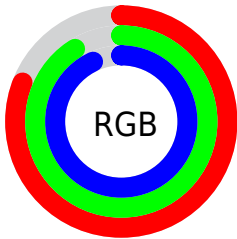
Format	Color
R _Y B	207, 220, 236
Decimal	13625324
CIE Lab	90.08, -6.88, -5.13
CIE LCh	90, 8.583, 216.686
Yxy	76.4734, 0.2938, 0.3235
Android (android.graphics.Color)	4291815404 (0xFFCFE7EC)
YUV	224.3940, 5.7218, -15.2545
Hunter-Lab	87.4491, -11.2703, -0.1224

Details

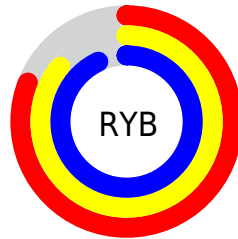
The Yxy color **76.4734, 0.2938, 0.3235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4428, 0.3343, 0.3344**, and the grayscale version is **74.8085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6306, 0.2893, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **71.0690, 0.2789, 0.3186**, and if you desaturate by 10%, it is **82.4456, 0.3092, 0.3280**.

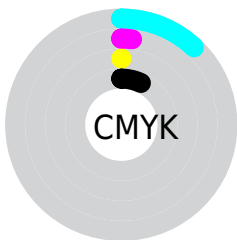
Distribution



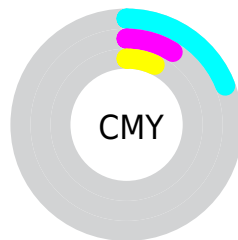
- Red (81%)
- Green (91%)
- Blue (93%)



- Red (81%)
- Yellow (86%)
- Blue (93%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4734, 0.2938, 0.3235 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 76.4734, 0.2938, 0.3235 by changing the saturation by 10% instead.

■ 76.4734, 0.2938,
0.3235

■ 76.4734, 0.2938,
0.3235

482.9667, 0.3024,
0.3261

■ 56.8208, 0.2919,
0.3229

128.3959, 0.2968,
0.3244

■ 40.8614, 0.2895,
0.3221

161.4345, 0.2979,
0.3248

■ 28.2108, 0.2865,
0.3212

199.7039, 0.2989,
0.3251

■ 18.4846, 0.2826,
0.3199

243.5885, 0.2998,
0.3253

■ 11.2985, 0.2773,
0.3182

293.4727, 0.3006,
0.3256

■ 6.2680, 0.2698,
0.3156

349.7409, 0.3013,

■ 3.0087, 0.2584,

0.3258

0.3115

412.7774, 0.3019,
0.3259

■ 1.1363, 0.2389,
0.3038

■ 0.0087, 0.0000,
0.0231

■ 76.4734, 0.2938,
0.3235

■ 76.4734, 0.2938,
0.3235

■ 71.0690, 0.2789,
0.3186

■ 82.4456, 0.3092,
0.3280

■ 66.1999, 0.2647,
0.3132

■ 88.9975, 0.3247,
0.3321

■ 61.8449, 0.2516,
0.3076

■ 91.5647, 0.3249,
0.3361

■ 57.9774, 0.2399,
0.3016

■ 94.0380, 0.3245,
0.3400

■ 54.5682, 0.2299,
0.2955

■ 96.5661, 0.3241,
0.3439

■ 51.5845, 0.2217,
0.2892

■ 98.8370, 0.3238,
0.3473

■ 48.9889, 0.2155,
0.2829

■ 46.7359, 0.2112,
0.2767

■ 45.1780, 0.2089,
0.2719

Harmonies

Analogous

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



76.4734, 0.2989, 0.3328



76.4734, 0.2938, 0.3235



76.4734, 0.2936, 0.3159

Triad

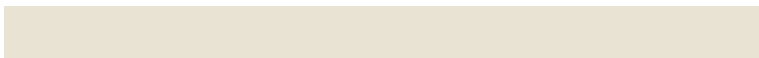
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4734, 0.2938, 0.3235



76.4734, 0.3175, 0.3173



76.4734, 0.3270, 0.3463

Complementary

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



76.4734, 0.2938, 0.3235



69.4428, 0.3343, 0.3344

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.



76.4734, 0.3321, 0.3418



76.4734, 0.2938, 0.3235



76.4734, 0.3266, 0.3251

Square

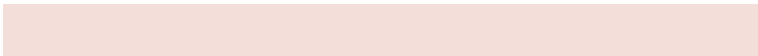
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4734, 0.2938, 0.3235



76.4734, 0.3072, 0.3126



76.4734, 0.3320, 0.3340



76.4734, 0.3180, 0.3461

Rectangle

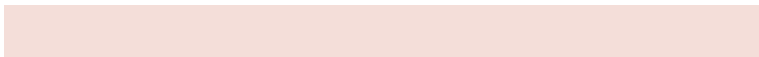
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



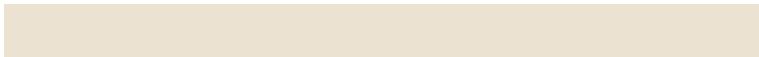
76.4734, 0.2938, 0.3235



76.4734, 0.2964, 0.3128



76.4734, 0.3320, 0.3340



76.4734, 0.3292, 0.3453

Sweetspot

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



76.4766, 0.2938, 0.3235



96.9963, 0.3065, 0.3273



78.0131, 0.3083, 0.3557



20.6430, 0.3053, 0.3269



0.0000, 0.0000, 0.0000



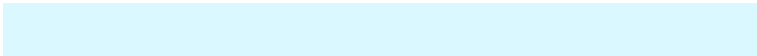
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4766, 0.2938, 0.3235



89.3056, 0.2896, 0.3222



68.7860, 0.2934, 0.3077



16.6528, 0.2981, 0.3248



25.0686, 0.2092, 0.2729



2.0852, 0.2115, 0.2815

Inverse Universe

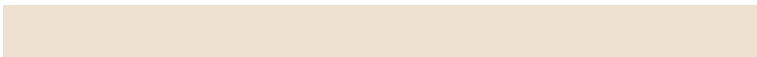
The Inverse Universe completely reimagines the original color for something new.



68.2376, 0.3176, 0.3038



77.5582, 0.3189, 0.2980



76.9237, 0.3323, 0.3495



15.2664, 0.3164, 0.3097



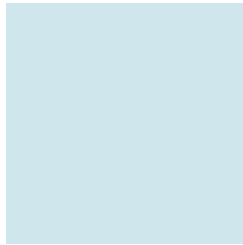
12.0235, 0.3701, 0.1812



0.9559, 0.3621, 0.1768

Previews

White Background



This preview shows how the Yxy color 76.4734, 0.2938, 0.3235 looks on a white background.

Color Contrast Check

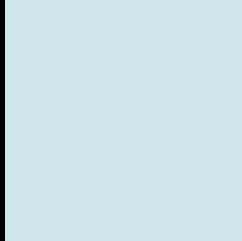
Large Text (above 18pt) WCAG AA × Fail

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 76.4734, 0.2938, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

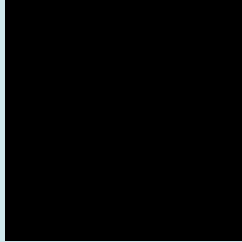
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

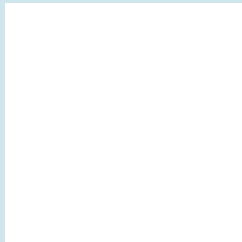
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4734, 0.2938, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 76.4734, 0.2938, 0.3235.

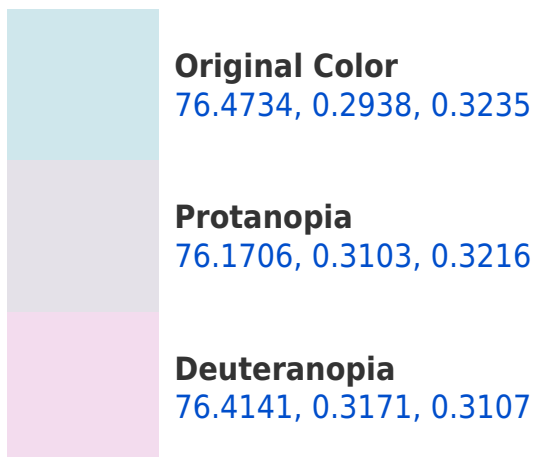


This preview shows how white text looks on a background with the Yxy color 76.4734, 0.2938, 0.3235.

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

76.3093, 0.2886, 0.3097

Trichromacy



Original Color

76.4734, 0.2938, 0.3235

Protanomaly

76.0370, 0.3041, 0.3226

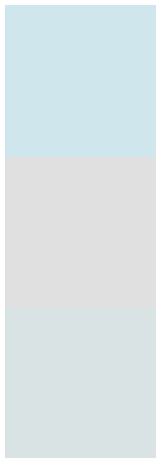
Deuteranomaly

76.2487, 0.3085, 0.3154

Tritanomaly

76.4746, 0.2903, 0.3150

Monochromacy



Original Color

76.4734, 0.2938, 0.3235

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.4450, 0.3059, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4734, 0.2938, 0.3235 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(207, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(207, 231, 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(207, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 231, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.4734, 0.2938, 0.3235 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(207, 231, 236) }
```

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

```
.border{ border-color:rgb(207, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(207, 231,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4734, 0.2938, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 231, 236) }
```

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

```
.background{ background-color: rgb(207,  
231, 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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