

Converting Colors

$Yxy(70.1432, 0.2861, 0.3301)$

Have a look what the booklet for
Yxy(70.1432, 0.2861, 0.3301)
contains.

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Color

Yxy(70.1432, 0.2861, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	B9E2E1
RGB	185, 226, 225
RGB Percent	73%, 89%, 88%
CMY	0.2745, 0.1137, 0.1177
CMYK	0.18, 0.00, 0.00, 0.11
HSL	179°, 41%, 81%
HSV	179°, 18%, 89%
XYZ	60.7936, 70.1432, 81.5540
YIQ	213.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

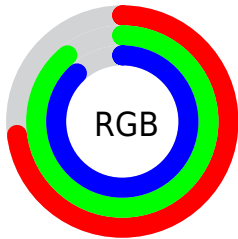
Format	Color
RYB	185, 206, 226
Decimal	12182241
CIELab	87.07, -13.45, -3.93
CIELCh	87, 14.016, 196.283
Yxy	70.1432, 0.2861, 0.3301
Android (android.graphics.Color)	4290372321 (0xFFB9E2E1)
YUV	213.6270, 5.6069, -25.1059
Hunter-Lab	83.7515, -16.9955, 0.8918

Details

The Yxy color **70.1432, 0.2861, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4183, 0.3470, 0.3279**, and the grayscale version is **66.9571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **36.8534, 0.2795, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **67.5241, 0.2728, 0.3308**, and if you desaturate by 10%, it is **73.2149, 0.3005, 0.3295**.

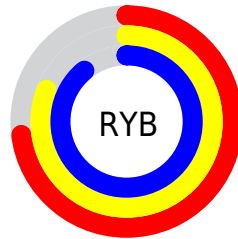
Distribution



Red (73%)

Green (89%)

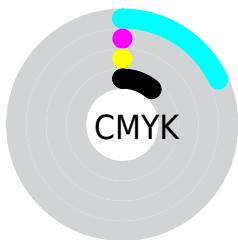
Blue (88%)



Red (73%)

Yellow (81%)

Blue (89%)

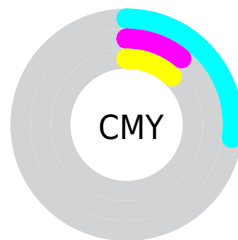


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (27%)


Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1432, 0.2861, 0.3301 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 70.1432, 0.2861, 0.3301 by changing the saturation by 10% instead.


 70.1432, 0.2861,
0.3301

 70.1432, 0.2861,
0.3301


461.0526, 0.2984,
0.3297

 51.6433, 0.2833,
0.3302

 119.4129, 0.2904,
0.3300

 36.7208, 0.2798,
0.3302


150.9516, 0.2920,
0.3299

 24.9914, 0.2754,
0.3303


187.6052, 0.2935,
0.3299

 16.0707, 0.2696,
0.3303

229.7583, 0.2947,
0.3298

 9.5742, 0.2617,
0.3303

277.7952, 0.2958,
0.3298

 5.1175, 0.2504,
0.3301

332.1003, 0.2968,

 2.3164, 0.2325,

0.3298

393.0580, 0.2976,
0.3297

0.3294

0.7824, 0.1779,
0.3353

0.0000, 0.0000,
0.0000

70.1432, 0.2861,
0.3301

70.1432, 0.2861,
0.3301

67.5241, 0.2728,
0.3308

73.2149, 0.3005,
0.3295

65.3280, 0.2609,
0.3315

76.7503, 0.3156,
0.3289


63.5349, 0.2506,
0.3323


80.7708, 0.3312,
0.3284

62.1200, 0.2421,
0.3331

81.2147, 0.3324,
0.3278


 61.0557, 0.2356,
0.3339


 81.2459, 0.3320,
0.3273


 60.3106, 0.2309,
0.3347


 81.2773, 0.3316,
0.3267


 59.8477, 0.2282,
0.3355

 81.3088, 0.3312,
0.3261

 59.6144, 0.2270,
0.3363

 81.3404, 0.3308,
0.3256

 59.5817, 0.2268,
0.3365

 81.3721, 0.3304,
0.3250

Harmonies

Analogous

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



70.1432, 0.2991, 0.3455



70.1432, 0.2861, 0.3301



70.1432, 0.2802, 0.3149

Triad

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



70.1432, 0.2861, 0.3301



70.1432, 0.3088, 0.3036



70.1432, 0.3435, 0.3535

Complementary

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



70.1432, 0.2861, 0.3301



54.4183, 0.3470, 0.3279

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.



70.1432, 0.3464, 0.3416



70.1432, 0.2861, 0.3301



70.1432, 0.3260, 0.3133

Square

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



70.1432, 0.2861, 0.3301



70.1432, 0.2930, 0.3002



70.1432, 0.3400, 0.3270



70.1432, 0.3323, 0.3590

Rectangle

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



70.1432, 0.2861, 0.3301



70.1432, 0.2809, 0.3070



70.1432, 0.3400, 0.3270



70.1432, 0.3455, 0.3501

Sweetspot

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



70.1461, 0.2861, 0.3301



97.6410, 0.3051, 0.3293



68.3849, 0.3113, 0.3782



20.8309, 0.3040, 0.3293



0.0000, 0.0000, 0.0000



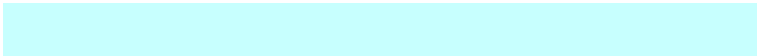
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1461, 0.2861, 0.3301



90.7785, 0.2806, 0.3304



60.3714, 0.2843, 0.3064



15.5661, 0.2985, 0.3296



33.9925, 0.2268, 0.3363



2.3581, 0.2264, 0.3351

Inverse Universe

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



54.4183, 0.3470, 0.3279



66.2451, 0.3567, 0.3277



62.9255, 0.3441, 0.3506



13.7061, 0.3288, 0.3285



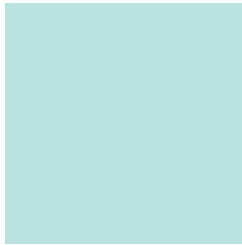
9.2339, 0.6373, 0.3284



0.6420, 0.6291, 0.3239

Previews

White Background



This preview shows how the Yxy color 70.1432, 0.2861, 0.3301 looks on a white background.

Color Contrast Check

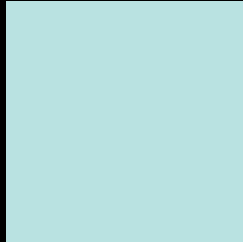
Large Text (above 18pt) WCAG AA × Fail

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 70.1432, 0.2861, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

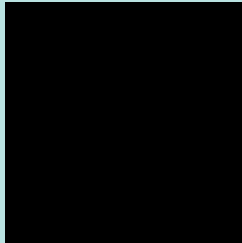
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

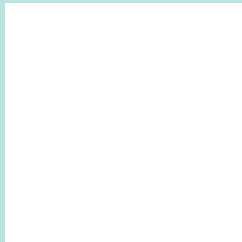
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1432, 0.2861, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 70.1432, 0.2861, 0.3301.

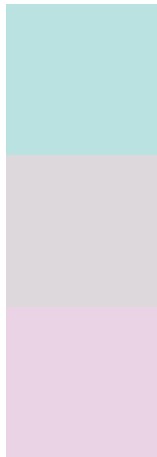


This preview shows how white text looks on a background with the Yxy color 70.1432, 0.2861, 0.3301.

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

70.1432, 0.2861, 0.3301

Protanopia

69.5984, 0.3143, 0.3257

Deuteranopia

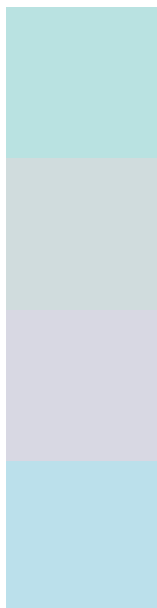
69.6824, 0.3180, 0.3111



Tritanopia

69.8176, 0.2785, 0.3087

Trichromacy



Original Color

70.1432, 0.2861, 0.3301

Protanomaly

69.8168, 0.3036, 0.3279

Deuteranomaly

69.2567, 0.3054, 0.3169

Tritanomaly

69.8743, 0.2814, 0.3164

Monochromacy



Original Color

70.1432, 0.2861, 0.3301

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9013, 0.3021, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1432, 0.2861, 0.3301 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(185, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(185, 226, 225)  
}
```

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(185, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 226, 225) }
```

Border

The CSS property to change the border of an element to Yxy 70.1432, 0.2861, 0.3301 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(185, 226, 225) }
```

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

```
.border{ border-color:rgb(185, 226, 225) }
```

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

Here you see how a box with a 4 pixel rgb(185, 226, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(185, 226,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1432, 0.2861, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 226, 225) }
```

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

```
.background{ background-color: rgb(185,  
226, 225) }
```

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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