

Converting Colors

$Yxy(73.7887, 0.2865, 0.3329)$

Have a look what the booklet for
Yxy(73.7887, 0.2865, 0.3329)
contains.

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Color

Yxy(74.0060, 0.2866, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BCE8E4</code>
RGB	188, 232, 228
RGB Percent	74%, 91%, 89%
CMY	0.2627, 0.0902, 0.1060
CMYK	0.19, 0.00, 0.02, 0.09
HSL	174°, 49%, 82%
HSV	174°, 19%, 91%
XYZ	63.5986, 74.0060, 84.3025
YIQ	218.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

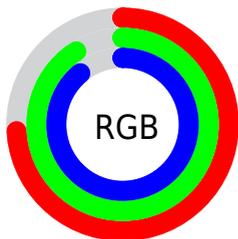
Format	Color
R _Y B	188, 211, 232
Decimal	12380388
CIE Lab	88.93, -14.94, -2.74
CIE LCh	89, 15.187, 190.409
Yxy	74.0060, 0.2866, 0.3335
Android (android.graphics.Color)	4290570468 (0xFFBCE8E4)
YUV	218.3880, 4.7387, -26.6503
Hunter-Lab	86.0267, -18.5838, 2.1171

Details

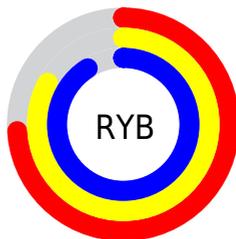
The Yxy color **74.0060, 0.2866, 0.3335** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.9413, 0.3465, 0.3246**, and the grayscale version is **70.3752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **39.1361, 0.2803, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **71.1774, 0.2741, 0.3362**, and if you desaturate by 10%, it is **77.3158, 0.3001, 0.3310**.

Distribution



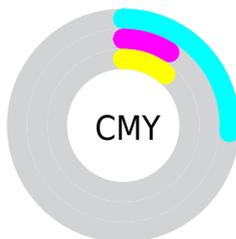
- Red (74%)
- Green (91%)
- Blue (89%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0060, 0.2866, 0.3335 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 74.0060, 0.2866, 0.3335 by changing the saturation by 10% instead.

 74.0060, 0.2866,
0.3335

 74.0060, 0.2866,
0.3335

474.4941, 0.2986,
0.3315

 54.7989, 0.2839,
0.3339

 124.9043, 0.2907,
0.3328

 39.2408, 0.2805,
0.3344

157.3644, 0.2924,
0.3326

 26.9471, 0.2763,
0.3351

195.0109, 0.2938,
0.3323

 17.5335, 0.2708,
0.3359

238.2282, 0.2950,
0.3321

 10.6156, 0.2634,
0.3369

287.4008, 0.2960,
0.3320

 5.8090, 0.2527,
0.3383

342.9131, 0.2970,

 2.7293, 0.2363,

0.3318

0.3402

405.1494, 0.2978,
0.3317

0.9921, 0.2004,
0.3460

0.0000, 0.0000,
0.0000

74.0060, 0.2866,
0.3335

74.0060, 0.2866,
0.3335

71.1774, 0.2741,
0.3362

77.3158, 0.3001,
0.3310

68.7983, 0.2630,
0.3390

81.1187, 0.3142,
0.3288

66.8472, 0.2533,
0.3420

84.9366, 0.3270,
0.3267

65.2975, 0.2455,
0.3451

85.0602, 0.3256,
0.3246

 64.1194, 0.2395,
0.3483

 85.1852, 0.3242,
0.3225

 63.2790, 0.2355,
0.3514

 85.3117, 0.3228,
0.3205

 62.7361, 0.2334,
0.3546

 85.4397, 0.3214,
0.3184

 62.4294, 0.2328,
0.3577

 85.5692, 0.3201,
0.3163

 62.4027, 0.2328,
0.3580

 85.7002, 0.3187,
0.3143

Harmonies

Analogous

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



74.0060, 0.3015, 0.3493



74.0060, 0.2866, 0.3335



74.0060, 0.2787, 0.3169

Triad

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



74.0060, 0.2866, 0.3335



74.0060, 0.3049, 0.3007



74.0060, 0.3469, 0.3529

Complementary

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



74.0060, 0.2866, 0.3335



56.9413, 0.3465, 0.3246

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.



74.0060, 0.3480, 0.3395



74.0060, 0.2866, 0.3335



74.0060, 0.3234, 0.3099

Square

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



74.0060, 0.2866, 0.3335



74.0060, 0.2890, 0.2986



74.0060, 0.3393, 0.3239



74.0060, 0.3364, 0.3605

Rectangle

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



74.0060, 0.2866, 0.3335



74.0060, 0.2782, 0.3078



74.0060, 0.3393, 0.3239



74.0060, 0.3484, 0.3489

Sweetspot

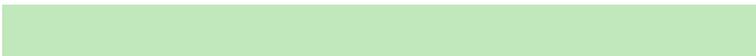
The Sweet Spot groups the original color and five complimentary colors.



74.0091, 0.2866, 0.3335



97.1226, 0.3041, 0.3303



72.6088, 0.3133, 0.3805



20.7241, 0.3032, 0.3305



0.0000, 0.0000, 0.0000



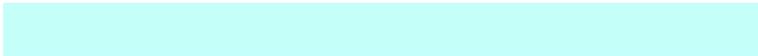
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0091, 0.2866, 0.3335



90.1804, 0.2813, 0.3346



64.8224, 0.2831, 0.3087



16.3124, 0.2994, 0.3311



34.6522, 0.2326, 0.3575



2.5674, 0.2314, 0.3529

Inverse Universe

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



56.9413, 0.3465, 0.3246



65.1499, 0.3560, 0.3236



64.7459, 0.3463, 0.3485



14.3894, 0.3278, 0.3269



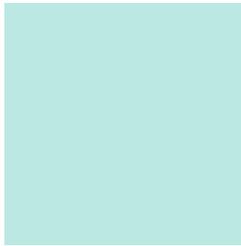
9.5629, 0.6294, 0.3241



0.7141, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 74.0060, 0.2866, 0.3335 looks on a white background.

Color Contrast Check

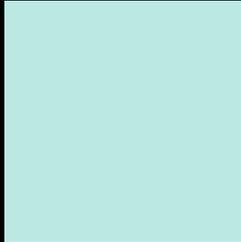
Large Text (above 18pt) WCAG AA × Fail

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 74.0060, 0.2866, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

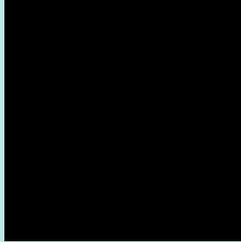
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0060, 0.2866, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 74.0060, 0.2866, 0.3335.



This preview shows how white text looks on a background with the Yxy color 74.0060, 0.2866, 0.3335.

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

74.0060, 0.2866, 0.3335

Protanopia

73.8474, 0.3163, 0.3290

Deuteranopia

73.4065, 0.3200, 0.3135



Tritanopia

73.9605, 0.2781, 0.3091

Trichromacy



Original Color

74.0060, 0.2866, 0.3335

Protanomaly

73.9207, 0.3051, 0.3312

Deuteranomaly

73.3279, 0.3068, 0.3204

Tritanomaly

73.9613, 0.2815, 0.3178

Monochromacy



Original Color

74.0060, 0.2866, 0.3335

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.3147, 0.3023, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0060, 0.2866, 0.3335 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(188, 232, 228)` looks like.

```
.text, #text, p{  
    color:rgb(188, 232, 228)  
}
```

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(188, 232, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 232, 228) }
```

Border

The CSS property to change the border of an element to Yxy 74.0060, 0.2866, 0.3335 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(188, 232, 228) }
```

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

```
.border{ border-color:rgb(188, 232, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 232, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 232, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 232, 228);  
box-shadow:4px 4px 4px 4px rgb(188, 232,  
228) }
```

Background

The CSS property to change the background color of an element to Yxy 74.0060, 0.2866, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 232, 228) }
```

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

```
.background{ background-color: rgb(188,  
232, 228) }
```

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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