

Converting Colors

$Yxy(74.1114, 0.2900, 0.3376)$

Have a look what the booklet for
Yxy(74.1114, 0.2900, 0.3376)
contains.

Yxy(74.0422, 0.2901, 0.3380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.0422, 0.2901, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	BEE8E0
RGB	190, 232, 224
RGB Percent	75%, 91%, 88%
CMY	0.2548, 0.0902, 0.1215
CMYK	0.18, 0.00, 0.03, 0.09
HSL	169°, 48%, 83%
HSV	169°, 18%, 91%
XYZ	63.5492, 74.0422, 81.4683
YIQ	218.5300, -22.4640, -11.3920

Conversions

Conversions Part 2

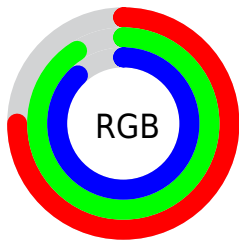
Format	Color
RYB	190, 213, 232
Decimal	12511456
CIELab	88.94, -15.12, -0.63
CIELCh	89, 15.137, 182.396
Yxy	74.0422, 0.2901, 0.3380
Android (android.graphics.Color)	4290701536 (0xFFBEE8E0)
YUV	218.5300, 2.6967, -25.0208
Hunter-Lab	86.0478, -18.7552, 4.0989

Details

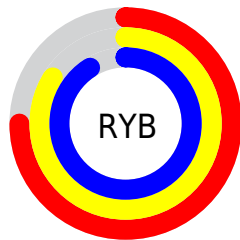
The Yxy color **74.0422, 0.2901, 0.3380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.0663, 0.3413, 0.3202**, and the grayscale version is **70.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **39.1495, 0.2847, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **71.0550, 0.2786, 0.3436**, and if you desaturate by 10%, it is **77.5173, 0.3024, 0.3328**.

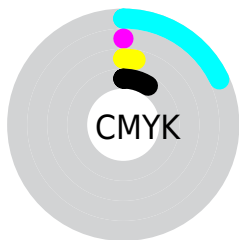
Distribution



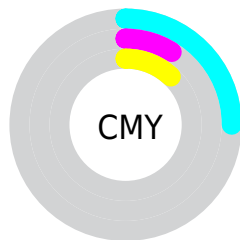
- Red (75%)
- Green (91%)
- Blue (88%)



- Red (75%)
- Yellow (84%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)





- Cyan (25%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0422, 0.2901, 0.3380 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 74.0422, 0.2901, 0.3380 by changing the saturation by 10% instead.

 74.0422, 0.2901,
0.3380

 74.0422, 0.2901,
0.3380


474.6190, 0.3005,
0.3339

 54.8286, 0.2877,
0.3389

 124.9556, 0.2937,
0.3366

 39.2645, 0.2848,
0.3401


157.4242, 0.2951,
0.3360

 26.9655, 0.2811,
0.3415


195.0799, 0.2963,
0.3355

 17.5473, 0.2763,
0.3434

238.3072, 0.2974,
0.3351

 10.6255, 0.2698,
0.3460

287.4903, 0.2983,
0.3348

 5.8156, 0.2604,
0.3496

343.0137, 0.2991,

 2.7333, 0.2458,

0.3344

405.2618, 0.2999,
0.3341

0.3552

0.9941, 0.2120,
0.3686

0.0000, 0.0000,
0.0000

74.0422, 0.2901,
0.3380

74.0422, 0.2901,
0.3380

71.0550, 0.2786,
0.3436

77.5173, 0.3024,
0.3328

68.5240, 0.2683,
0.3497


81.4920, 0.3152,
0.3281


66.4279, 0.2594,
0.3561

85.1036, 0.3251,
0.3239


64.7401, 0.2521,
0.3628


85.3653, 0.3222,
0.3196


 63.4313, 0.2467,
0.3696


 85.6335, 0.3194,
0.3153


 62.4677, 0.2432,
0.3766


 85.9080, 0.3166,
0.3111

 61.8100, 0.2418,
0.3835

 86.1891, 0.3138,
0.3069

 61.4028, 0.2420,
0.3904

 86.1941, 0.3138,
0.3068

 61.3380, 0.2422,
0.3917

Harmonies

Analogous

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



74.0422, 0.3063, 0.3527



74.0422, 0.2901, 0.3380



74.0422, 0.2801, 0.3211

Triad

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



74.0422, 0.2901, 0.3380



74.0422, 0.3003, 0.2995



74.0422, 0.3481, 0.3497

Complementary

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



74.0422, 0.2901, 0.3380



58.0663, 0.3413, 0.3202

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.



74.0422, 0.3465, 0.3353



74.0422, 0.2901, 0.3380



74.0422, 0.3185, 0.3069

Square

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



74.0422, 0.2901, 0.3380



74.0422, 0.2858, 0.2994



74.0422, 0.3355, 0.3198



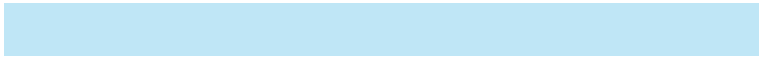
74.0422, 0.3399, 0.3591

Rectangle

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



74.0422, 0.2901, 0.3380



74.0422, 0.2780, 0.3112



74.0422, 0.3355, 0.3198



74.0422, 0.3487, 0.3453

Sweetspot

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



74.0453, 0.2901, 0.3380



97.5062, 0.3063, 0.3313



73.4941, 0.3161, 0.3775



20.7981, 0.3054, 0.3317



0.0000, 0.0000, 0.0000



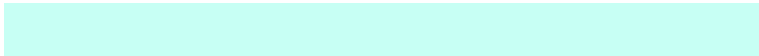
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0453, 0.2901, 0.3380



90.1996, 0.2854, 0.3402



67.6498, 0.2848, 0.3146



16.2869, 0.3007, 0.3335



34.0697, 0.2418, 0.3906



2.5298, 0.2390, 0.3805

Inverse Universe

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



58.0663, 0.3413, 0.3202



66.6930, 0.3493, 0.3182



63.4022, 0.3454, 0.3430



14.4126, 0.3263, 0.3245



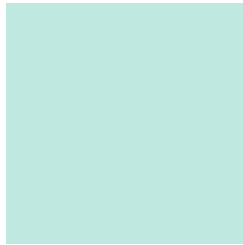
9.6396, 0.6095, 0.3131



0.7251, 0.5702, 0.2915

Previews

White Background



This preview shows how the Yxy color 74.0422, 0.2901, 0.3380 looks on a white background.

Color Contrast Check

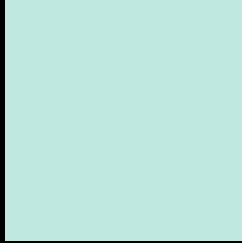
Large Text (above 18pt) WCAG AA × Fail

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 74.0422, 0.2901, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

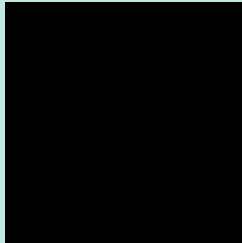
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

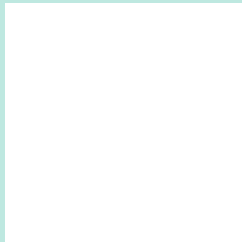
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0422, 0.2901, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 74.0422, 0.2901, 0.3380.

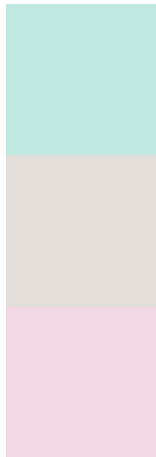


This preview shows how white text looks on a background with the Yxy color 74.0422, 0.2901, 0.3380.

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

74.0422, 0.2901, 0.3380

Protanopia

73.7985, 0.3196, 0.3333

Deuteranopia

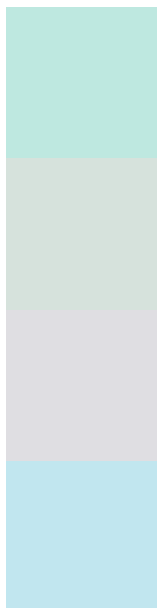
73.5350, 0.3242, 0.3177



Tritanopia

74.2234, 0.2793, 0.3092

Trichromacy



Original Color

74.0422, 0.2901, 0.3380

Protanomaly

73.8562, 0.3083, 0.3356

Deuteranomaly

73.4215, 0.3108, 0.3247

Tritanomaly

74.1631, 0.2833, 0.3189

Monochromacy



Original Color

74.0422, 0.2901, 0.3380

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9417, 0.3036, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0422, 0.2901, 0.3380 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(190, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(190, 232, 224)  
}
```

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(190, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 232, 224) }
```

Border

The CSS property to change the border of an element to Yxy 74.0422, 0.2901, 0.3380 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(190, 232, 224) }
```

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

```
.border{ border-color:rgb(190, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(190, 232,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0422, 0.2901, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 232, 224) }
```

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

```
.background{ background-color: rgb(190,  
232, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor