

Converting Colors

Yxy(74.0544, 0.2861, 0.3278)

Have a look what the booklet for
Yxy(74.0544, 0.2861, 0.3278)
contains.

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Color

Yxy(74.0544, 0.2861, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	BF E7 E8
RGB	191, 231, 232
RGB Percent	75%, 91%, 91%
CMY	0.2508, 0.0941, 0.0902
CMYK	0.18, 0.00, 0.00, 0.09
HSL	181°, 47%, 83%
HSV	181°, 18%, 91%
XYZ	64.6338, 74.0544, 87.2251
YIQ	219.1540, -24.1610, -8.1690

Conversions

Conversions Part 2

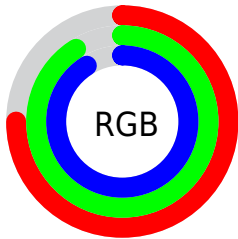
Format	Color
RYB	191, 211, 232
Decimal	12576744
CIELab	88.95, -12.68, -4.80
CIELCh	89, 13.555, 200.751
Yxy	74.0544, 0.2861, 0.3278
Android (android.graphics.Color)	4290766824 (0xFFBFE7E8)
YUV	219.1540, 6.3331, -24.6911
Hunter-Lab	86.0549, -16.5288, 0.1421

Details

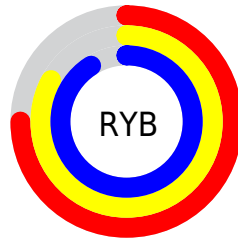
The Yxy color **74.0544, 0.2861, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.6348, 0.3466, 0.3302**, and the grayscale version is **70.9250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.1129, 0.2803, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **70.9675, 0.2724, 0.3271**, and if you desaturate by 10%, it is **77.6248, 0.3009, 0.3285**.

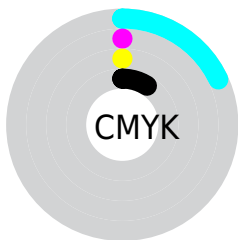
Distribution



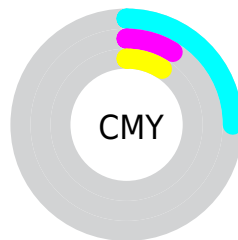
- Red (75%)
- Green (91%)
- Blue (91%)



- Red (75%)
- Yellow (83%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0544, 0.2861, 0.3278 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 74.0544, 0.2861, 0.3278 by changing the saturation by 10% instead.

■ 74.0544, 0.2861,
0.3278

■ 74.0544, 0.2861,
0.3278

■ 474.6611, 0.2983,
0.3285

■ 54.8386, 0.2833,
0.3276

■ 124.9729, 0.2903,
0.3281

■ 39.2725, 0.2799,
0.3274

■ 157.4444, 0.2920,
0.3282

■ 26.9718, 0.2757,
0.3270

■ 195.1032, 0.2934,
0.3282

■ 17.5520, 0.2701,
0.3266

■ 238.3337, 0.2946,
0.3283

■ 10.6288, 0.2626,
0.3259

■ 287.5204, 0.2957,
0.3284

■ 5.8179, 0.2519,
0.3247

■ 343.0476, 0.2967,

■ 2.7346, 0.2355,

0.3284

405.2997, 0.2975,
0.3284

0.3225

0.9948, 0.2029,
0.3194

0.0000, 0.0000,
0.0000

74.0544, 0.2861,
0.3278

74.0544, 0.2861,
0.3278

70.9675, 0.2724,
0.3271

77.6248, 0.3009,
0.3285

68.3327, 0.2599,
0.3263


81.6905, 0.3164,
0.3291


66.1287, 0.2491,
0.3255

85.1887, 0.3284,
0.3297


64.3293, 0.2401,
0.3246


85.5085, 0.3284,
0.3303

 62.9051, 0.2330,
0.3238


 85.8293, 0.3283,
0.3308

 61.8228, 0.2278,
0.3230


 86.1511, 0.3283,
0.3314


 61.0433, 0.2245,
0.3222

 86.4739, 0.3282,
0.3320

 60.5138, 0.2229,
0.3214

 86.7978, 0.3282,
0.3325

 60.4063, 0.2226,
0.3212

 87.1227, 0.3281,
0.3331

Harmonies

Analogous

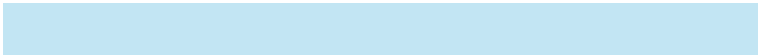
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0544, 0.2976, 0.3426



74.0544, 0.2861, 0.3278



74.0544, 0.2816, 0.3138

Triad

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



74.0544, 0.2861, 0.3278



74.0544, 0.3114, 0.3059



74.0544, 0.3409, 0.3535

Complementary

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



74.0544, 0.2861, 0.3278



58.6348, 0.3466, 0.3302

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.



74.0544, 0.3449, 0.3430



74.0544, 0.2861, 0.3278



74.0544, 0.3276, 0.3159

Square

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



74.0544, 0.2861, 0.3278



74.0544, 0.2959, 0.3016



74.0544, 0.3400, 0.3293



74.0544, 0.3292, 0.3576

Rectangle

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



74.0544, 0.2861, 0.3278



74.0544, 0.2831, 0.3068



74.0544, 0.3400, 0.3293



74.0544, 0.3432, 0.3505

Sweetspot

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



74.0575, 0.2861, 0.3278



97.4636, 0.3049, 0.3287



72.5849, 0.3100, 0.3761



20.7876, 0.3038, 0.3286



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.



74.0575, 0.2861, 0.3278



90.3909, 0.2812, 0.3276



63.4145, 0.2849, 0.3046



16.2730, 0.2982, 0.3284



33.5661, 0.2226, 0.3213



2.4996, 0.2229, 0.3225

Inverse Universe

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



60.2041, 0.3155, 0.2863



70.3797, 0.3161, 0.2778



68.1054, 0.3428, 0.3522



14.6089, 0.3142, 0.3064



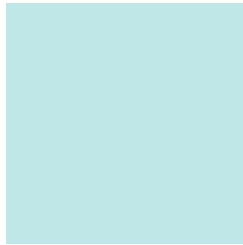
12.5862, 0.3271, 0.1575



0.9320, 0.3261, 0.1570

Previews

White Background



This preview shows how the Yxy color 74.0544, 0.2861, 0.3278 looks on a white background.

Color Contrast Check

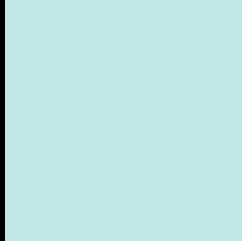
Large Text (above 18pt) WCAG AA × Fail

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 74.0544, 0.2861, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

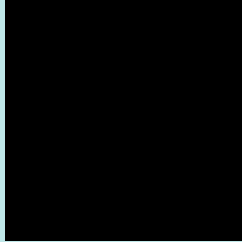
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

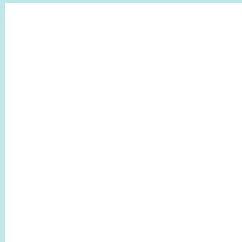
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0544, 0.2861, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 74.0544, 0.2861, 0.3278.

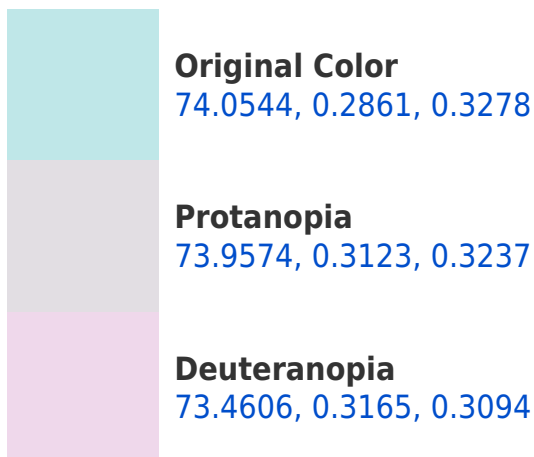


This preview shows how white text looks on a background with the Yxy color 74.0544, 0.2861, 0.3278.

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

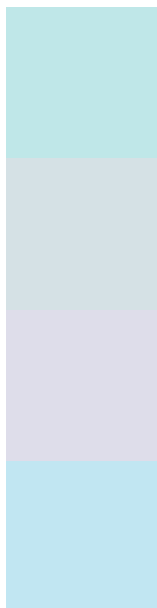




Tritanopia

74.2234, 0.2793, 0.3092

Trichromacy



Original Color

74.0544, 0.2861, 0.3278

Protanomaly

73.6537, 0.3019, 0.3246

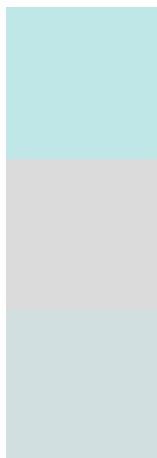
Deuteranomaly

73.1830, 0.3050, 0.3151

Tritanomaly

74.3419, 0.2816, 0.3157

Monochromacy



Original Color

74.0544, 0.2861, 0.3278

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7125, 0.3024, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0544, 0.2861, 0.3278 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(191, 231, 232)` looks like.

```
.text, #text, p{  
    color:rgb(191, 231, 232)  
}
```

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(191, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 231, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.0544, 0.2861, 0.3278 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(191, 231, 232) }
```

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

```
.border{ border-color:rgb(191, 231, 232) }
```

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

Here you see how a box with a 4 pixel rgb(191, 231, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(191, 231,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0544, 0.2861, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 231, 232) }
```

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

```
.background{ background-color: rgb(191,  
231, 232) }
```

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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