

Converting Colors

$Yxy(73.0877, 0.2786, 0.3172)$

Have a look what the booklet for
Yxy(73.0877, 0.2786, 0.3172)
contains.

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Color

Yxy(73.3240, 0.2785, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	BAE6F0
RGB	186, 230, 240
RGB Percent	73%, 90%, 94%
CMY	0.2705, 0.0980, 0.0589
CMYK	0.22, 0.04, 0.00, 0.06
HSL	191°, 64%, 84%
HSV	191°, 22%, 94%
XYZ	64.2768, 73.3240, 93.1956
YIQ	217.9840, -29.4340, -6.2180

Conversions

Conversions Part 2

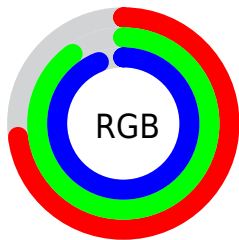
Format	Color
R _{YB}	186, 210, 240
Decimal	12248816
CIE Lab	88.60, -11.99, -9.54
CIE LCh	89, 15.329, 218.510
Yxy	73.3240, 0.2785, 0.3177
Android (android.graphics.Color)	4290438896 (0xFFBAE6F0)
YUV	217.9840, 10.8539, -28.0500
Hunter-Lab	85.6294, -15.8625, -4.5882

Details

The Yxy color **73.3240, 0.2785, 0.3177** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.5547, 0.3565, 0.3400**, and the grayscale version is **70.0422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **38.6383, 0.2708, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **68.1277, 0.2643, 0.3120**, and if you desaturate by 10%, it is **79.0940, 0.2935, 0.3230**.

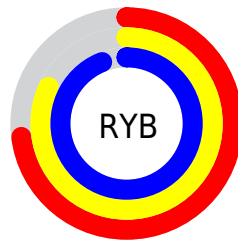
Distribution



Red (73%)

Green (90%)

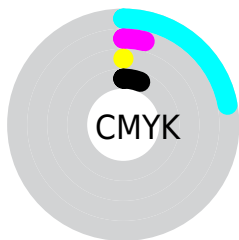
Blue (94%)



Red (73%)

Yellow (82%)

Blue (94%)

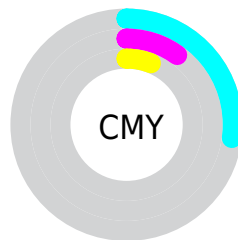


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (6%)



Cyan (27%)

Magenta (10%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3240, 0.2785, 0.3177 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 73.3240, 0.2785, 0.3177 by changing the saturation by 10% instead.

■ 73.3240, 0.2785,
0.3177

■ 73.3240, 0.2785,
0.3177

■ 472.1370, 0.2941,
0.3231

■ 54.2409, 0.2750,
0.3164

■ 123.9371, 0.2839,
0.3196

■ 38.7943, 0.2706,
0.3148

■ 156.2358, 0.2860,
0.3204

■ 26.5998, 0.2652,
0.3127

■ 193.7087, 0.2878,
0.3210

■ 17.2729, 0.2581,
0.3100

■ 236.7399, 0.2894,
0.3215

■ 10.4292, 0.2487,
0.3061

■ 285.7140, 0.2908,
0.3220

■ 5.6845, 0.2353,
0.3003

■ 341.0152, 0.2920,

■ 2.6542, 0.2149,

0.3224

0.2908

403.0281, 0.2931,
0.3228

0.9540, 0.1762,
0.2745

0.0000, 0.0000,
0.0000

73.3240, 0.2785,
0.3177

73.3240, 0.2785,
0.3177

68.1277, 0.2643,
0.3120

79.0940, 0.2935,
0.3230

63.4707, 0.2511,
0.3059

85.4528, 0.3089,
0.3279

59.3279, 0.2393,
0.2995

91.8487, 0.3224,
0.3323

55.6689, 0.2291,
0.2928

94.5447, 0.3220,
0.3366

■ 52.4594, 0.2208,
0.2861

■ 97.3054, 0.3217,
0.3408

■ 49.6599, 0.2144,
0.2793

■ 99.0708, 0.3214,
0.3434

■ 47.2230, 0.2100,
0.2726

■ 45.5763, 0.2077,
0.2676

Harmonies

Analogous

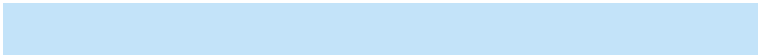
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3240, 0.2871, 0.3346



73.3240, 0.2785, 0.3177



73.3240, 0.2788, 0.3046

Triad

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



73.3240, 0.2785, 0.3177



73.3240, 0.3224, 0.3089



73.3240, 0.3376, 0.3606

Complementary

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



73.3240, 0.2785, 0.3177



61.5547, 0.3565, 0.3400

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.



73.3240, 0.3477, 0.3525



73.3240, 0.2785, 0.3177



73.3240, 0.3388, 0.3228

Square

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



73.3240, 0.2785, 0.3177



73.3240, 0.3037, 0.3000



73.3240, 0.3482, 0.3386



73.3240, 0.3210, 0.3601

Rectangle

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



73.3240, 0.2785, 0.3177



73.3240, 0.2839, 0.2995



73.3240, 0.3482, 0.3386



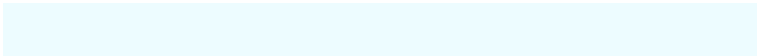
73.3240, 0.3419, 0.3588

Sweetspot

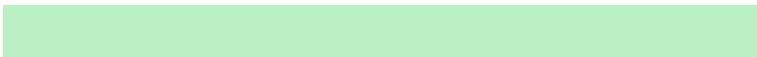
The Sweet Spot groups the original color and five complimentary colors.



73.3270, 0.2785, 0.3177



94.6803, 0.3018, 0.3257



76.7387, 0.3040, 0.3802



20.1708, 0.3009, 0.3254



0.0000, 0.0000, 0.0000



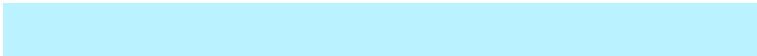
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3270, 0.2785, 0.3177



81.3345, 0.2718, 0.3151



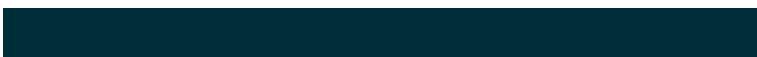
59.4971, 0.2761, 0.2864



17.4024, 0.2981, 0.3245



25.1340, 0.2080, 0.2687



2.2184, 0.2104, 0.2775

Inverse Universe

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



59.3637, 0.3229, 0.2828



62.8672, 0.3254, 0.2732



74.7923, 0.3504, 0.3682



15.9783, 0.3166, 0.3100



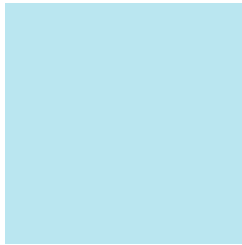
12.3306, 0.3741, 0.1834



1.0387, 0.3658, 0.1789

Previews

White Background



This preview shows how the Yxy color 73.3240, 0.2785, 0.3177 looks on a white background.

Color Contrast Check

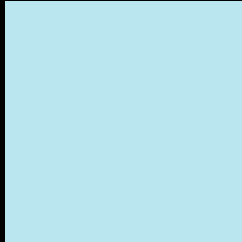
Large Text (above 18pt) WCAG AA × Fail

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 73.3240, 0.2785, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

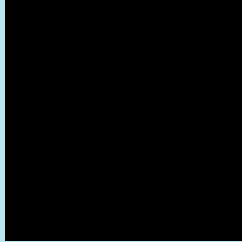
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3240, 0.2785, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 73.3240, 0.2785, 0.3177.

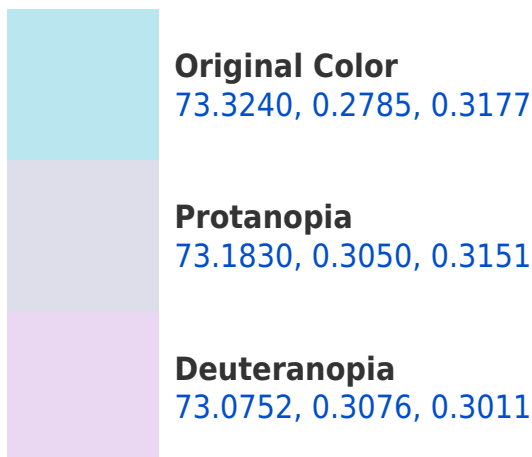


This preview shows how white text looks on a background with the Yxy color 73.3240, 0.2785, 0.3177.

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

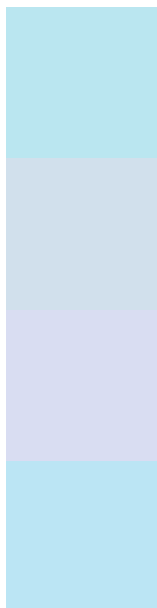




Tritanopia

73.3188, 0.2752, 0.3089

Trichromacy



Original Color

73.3240, 0.2785, 0.3177

Protanomaly

72.9227, 0.2949, 0.3159

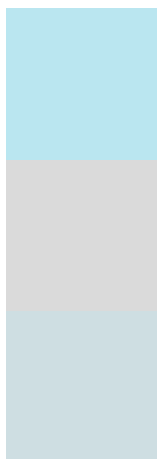
Deuteranomaly

72.8754, 0.2966, 0.3065

Tritanomaly

73.1351, 0.2768, 0.3122

Monochromacy



Original Color

73.3240, 0.2785, 0.3177

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.8554, 0.2991, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3240, 0.2785, 0.3177 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(186, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(186, 230, 240)  
}
```

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(186, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 230, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.3240, 0.2785, 0.3177 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(186, 230, 240) }
```

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

```
.border{ border-color:rgb(186, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(186, 230,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3240, 0.2785, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 230, 240) }
```

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

```
.background{ background-color: rgb(186,  
230, 240) }
```

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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