

Converting Colors

$Yxy(77.5042, 0.2709, 0.3273)$

Have a look what the booklet for
Yxy(77.5042, 0.2709, 0.3273)
contains.

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Color

Yxy(77.4417, 0.2711, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	ACF0F1
RGB	172, 240, 241
RGB Percent	67%, 94%, 95%
CMY	0.3252, 0.0589, 0.0548
CMYK	0.29, 0.00, 0.00, 0.05
HSL	181°, 71%, 81%
HSV	181°, 29%, 95%
XYZ	64.0661, 77.4417, 94.8111
YIQ	219.7820, -40.8490, -14.1050

Conversions

Conversions Part 2

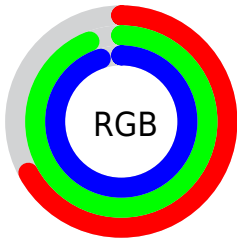
Format	Color
R_{YB}	172, 206, 241
Decimal	11333873
CIE _{Lab}	90.52, -20.76, -7.32
CIE _{LCh}	91, 22.014, 199.423
Y _{xy}	77.4417, 0.2711, 0.3277
Android (android.graphics.Color)	4289523953 (0xFFACF0F1)
YUV	219.7820, 10.4605, -41.9048
Hunter-Lab	88.0010, -24.0510, -2.2776

Details

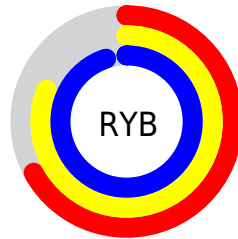
The Yxy color **77.4417, 0.2711, 0.3277** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.6205, 0.3757, 0.3303**, and the grayscale version is **71.3708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **41.5657, 0.2617, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **74.7448, 0.2589, 0.3272**, and if you desaturate by 10%, it is **80.6399, 0.2847, 0.3282**.

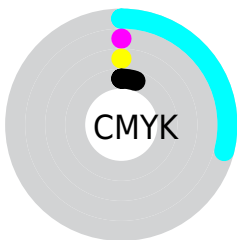
Distribution



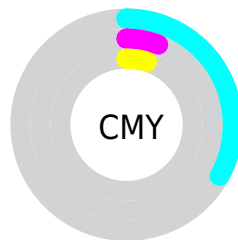
- Red (67%)
- Green (94%)
- Blue (95%)



- Red (67%)
- Yellow (81%)
- Blue (95%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4417, 0.2711, 0.3277 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 77.4417, 0.2711, 0.3277 by changing the saturation by 10% instead.

 77.4417, 0.2711,
0.3277

 77.4417, 0.2711,
0.3277

486.2687, 0.2899,
0.3286

 57.6155, 0.2669,
0.3274


 129.7628, 0.2775,
0.3281

 41.4996, 0.2618,
0.3271


163.0265, 0.2801,
0.3282

 28.7097, 0.2554,
0.3265


201.5380, 0.2823,
0.3283

 18.8613, 0.2471,
0.3258

245.6819, 0.2842,
0.3284

 11.5701, 0.2362,
0.3246

295.8426, 0.2859,
0.3284

 6.4517, 0.2209,
0.3226

352.4043, 0.2874,

 3.1216, 0.1983,

0.3285

415.7515, 0.2887,
0.3286

0.3188

1.1956, 0.1569,
0.3123

0.0581, 0.0000,
0.0917

77.4417, 0.2711,
0.3277

77.4417, 0.2711,
0.3277

74.7448, 0.2589,
0.3272

80.6399, 0.2847,
0.3282

72.5132, 0.2483,
0.3267


84.3547, 0.2994,
0.3286


70.7206, 0.2396,
0.3262


88.6125, 0.3149,
0.3291


69.3345, 0.2328,
0.3256


90.7858, 0.3219,
0.3294

 68.3178, 0.2280,
0.3251

 91.0020, 0.3219,
0.3298


 67.6266, 0.2250,
0.3246

 91.2187, 0.3218,
0.3301

 67.1975, 0.2235,
0.3242

 91.4357, 0.3218,
0.3305

 67.1463, 0.2234,
0.3241

 91.6533, 0.3218,
0.3308

 91.8712, 0.3217,
0.3312

Harmonies

Analogous

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



77.4417, 0.2895, 0.3520



77.4417, 0.2711, 0.3277



77.4417, 0.2636, 0.3050

Triad

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



77.4417, 0.2711, 0.3277



77.4417, 0.3092, 0.2922



77.4417, 0.3583, 0.3672

Complementary

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



77.4417, 0.2711, 0.3277



51.6205, 0.3757, 0.3303

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.



77.4417, 0.3644, 0.3497



77.4417, 0.2711, 0.3277



77.4417, 0.3354, 0.3074

Square

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



77.4417, 0.2711, 0.3277



77.4417, 0.2849, 0.2859



77.4417, 0.3560, 0.3280



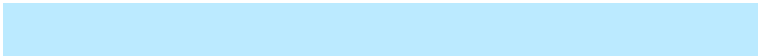
77.4417, 0.3398, 0.3752

Rectangle

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



77.4417, 0.2711, 0.3277



77.4417, 0.2656, 0.2940



77.4417, 0.3560, 0.3280



77.4417, 0.3619, 0.3622

Sweetspot

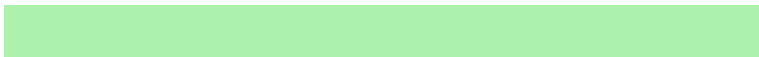
The Sweet Spot groups the original color and five complimentary colors.



77.4448, 0.2711, 0.3277



95.6833, 0.2988, 0.3286



74.6886, 0.3088, 0.4122



20.3410, 0.2966, 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.



77.4448, 0.2711, 0.3277



86.2653, 0.2642, 0.3274



59.5418, 0.2669, 0.2884



17.8856, 0.2981, 0.3286



36.4216, 0.2234, 0.3242



3.0430, 0.2236, 0.3248

Inverse Universe

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



54.5313, 0.3169, 0.2588



56.5121, 0.3177, 0.2455



66.0970, 0.3656, 0.3664



16.0271, 0.3140, 0.3061



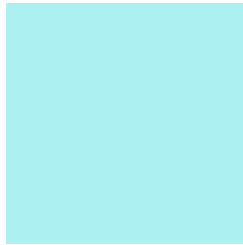
13.4701, 0.3247, 0.1562



1.1219, 0.3242, 0.1560

Previews

White Background



This preview shows how the Yxy color 77.4417, 0.2711, 0.3277 looks on a white background.

Color Contrast Check

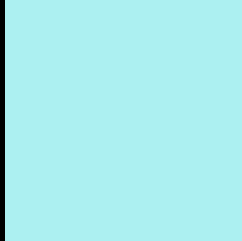
Large Text (above 18pt) WCAG AA × Fail

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 77.4417, 0.2711, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

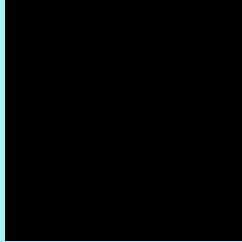
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.4417, 0.2711, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 77.4417, 0.2711, 0.3277.

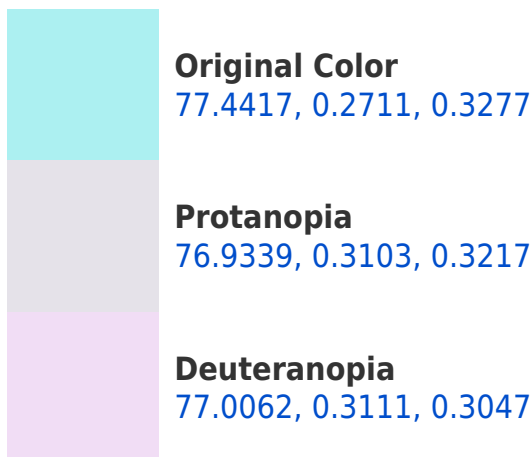


This preview shows how white text looks on a background with the Yxy color 77.4417, 0.2711, 0.3277.

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

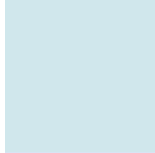
77.3721, 0.2674, 0.3091

Trichromacy



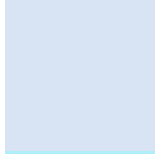
Original Color

77.4417, 0.2711, 0.3277



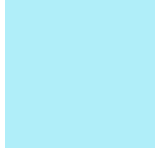
Protanomaly

76.6179, 0.2944, 0.3235



Deuteranomaly

76.6174, 0.2948, 0.3120



Tritanomaly

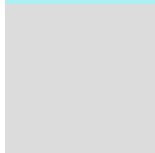
77.2813, 0.2684, 0.3155

Monochromacy



Original Color

77.4417, 0.2711, 0.3277



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.2361, 0.2959, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4417, 0.2711, 0.3277 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(172, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 241)  
}
```

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(172, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 241) }
```

Border

The CSS property to change the border of an element to Yxy 77.4417, 0.2711, 0.3277 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(172, 240, 241) }
```

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

```
.border{ border-color:rgb(172, 240, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(172, 240,  
241) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 77.4417, 0.2711, 0.3277$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 241) }
```

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

```
.background{ background-color: rgb(172,  
240, 241) }
```

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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