

Converting Colors

$Yxy(78.5605, 0.2772, 0.3339)$

Have a look what the booklet for
Yxy(78.5605, 0.2772, 0.3339)
contains.

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Color

Yxy(78.6087, 0.2771, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	B3F1ED
RGB	179, 241, 237
RGB Percent	70%, 95%, 93%
CMY	0.2979, 0.0549, 0.0707
CMYK	0.26, 0.00, 0.02, 0.05
HSL	176°, 69%, 82%
HSV	176°, 26%, 95%
XYZ	65.3343, 78.6087, 91.8359
YIQ	222.0060, -35.6680, -14.3880

Conversions

Conversions Part 2

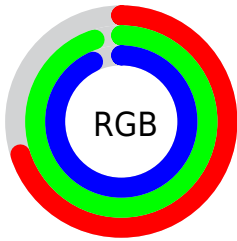
Format	Color
R _Y B	179, 211, 241
Decimal	11792877
CIE Lab	91.06, -20.18, -4.38
CIE LCh	91, 20.653, 192.255
Yxy	78.6087, 0.2771, 0.3334
Android (android.graphics.Color)	4289982957 (0xFFB3F1ED)
YUV	222.0060, 7.3920, -37.7163
Hunter-Lab	88.6615, -23.6218, 0.6503

Details

The Yxy color **78.6087, 0.2771, 0.3334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.3744, 0.3640, 0.3247**, and the grayscale version is **73.0222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **42.3192, 0.2690, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **75.8953, 0.2652, 0.3354**, and if you desaturate by 10%, it is **81.8311, 0.2903, 0.3316**.

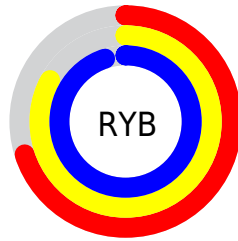
Distribution



Red (70%)

Green (95%)

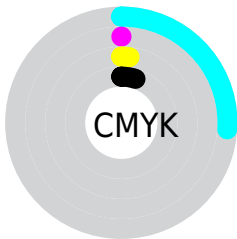
Blue (93%)



Red (70%)

Yellow (83%)

Blue (95%)

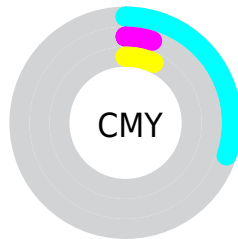


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (30%)


Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6087, 0.2771, 0.3334 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 78.6087, 0.2771, 0.3334 by changing the saturation by 10% instead.

 78.6087, 0.2771,
0.3334

 78.6087, 0.2771,
0.3334


490.2316, 0.2932,
0.3316

 58.5741, 0.2735,
0.3338


 131.4078, 0.2826,
0.3328

 42.2704, 0.2691,
0.3342


164.9412, 0.2848,
0.3326

 29.3131, 0.2636,
0.3347

203.7430, 0.2867,
0.3324

 19.3178, 0.2565,
0.3353

248.1976, 0.2883,
0.3322

 11.9001, 0.2470,
0.3360

298.6893, 0.2898,
0.3320

 6.6757, 0.2338,
0.3368

355.6026, 0.2910,

 3.2601, 0.2139,

0.3318

419.3219, 0.2922,
0.3317

0.3376

1.2690, 0.1789,
0.3385

0.1170, 0.0000,
0.2124

78.6087, 0.2771,
0.3334

78.6087, 0.2771,
0.3334

75.8953, 0.2652,
0.3354

81.8311, 0.2903,
0.3316

73.6552, 0.2548,
0.3374


85.5773, 0.3044,
0.3299


71.8632, 0.2461,
0.3395


89.8729, 0.3191,
0.3284


70.4878, 0.2394,
0.3417

90.6563, 0.3206,
0.3269

 69.4933, 0.2346,
0.3439


 90.7512, 0.3196,
0.3253


 68.8382, 0.2317,
0.3461


 90.8469, 0.3186,
0.3238

 68.4712, 0.2305,
0.3483

 90.9435, 0.3177,
0.3223

 68.3678, 0.2303,
0.3492

 91.0409, 0.3167,
0.3208

 91.1390, 0.3157,
0.3193

Harmonies

Analogous

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



78.6087, 0.2963, 0.3552



78.6087, 0.2771, 0.3334



78.6087, 0.2674, 0.3113

Triad

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



78.6087, 0.2771, 0.3334



78.6087, 0.3037, 0.2923



78.6087, 0.3578, 0.3615

Complementary

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



78.6087, 0.2771, 0.3334



54.3744, 0.3640, 0.3247

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.



78.6087, 0.3603, 0.3437



78.6087, 0.2771, 0.3334



78.6087, 0.3283, 0.3048

Square

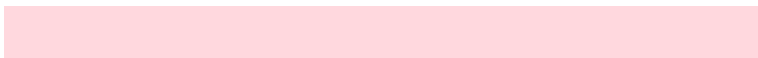
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6087, 0.2771, 0.3334



78.6087, 0.2823, 0.2887



78.6087, 0.3493, 0.3232



78.6087, 0.3430, 0.3713

Rectangle

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



78.6087, 0.2771, 0.3334



78.6087, 0.2673, 0.2996



78.6087, 0.3493, 0.3232



78.6087, 0.3602, 0.3562

Sweetspot

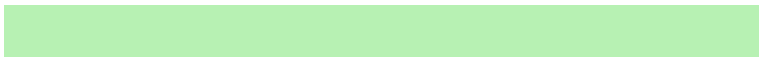
The Sweet Spot groups the original color and five complimentary colors.



78.6119, 0.2771, 0.3334



96.2493, 0.3010, 0.3303



76.2542, 0.3119, 0.4020



20.4599, 0.2989, 0.3305



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

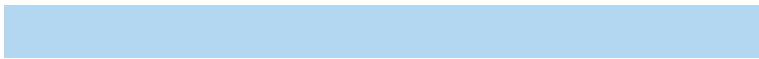
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6119, 0.2771, 0.3334



87.6385, 0.2705, 0.3344



64.1059, 0.2721, 0.2979



17.9102, 0.2990, 0.3305



37.0819, 0.2302, 0.3488



3.0902, 0.2294, 0.3460

Inverse Universe

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



54.3744, 0.3640, 0.3247



55.6304, 0.3790, 0.3238



66.0438, 0.3604, 0.3581



15.7755, 0.3283, 0.3275



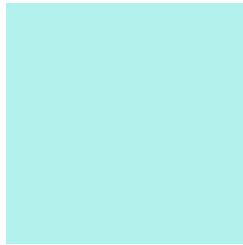
10.1673, 0.6332, 0.3262



0.8516, 0.6159, 0.3166

Previews

White Background



This preview shows how the Yxy color 78.6087, 0.2771, 0.3334 looks on a white background.

Color Contrast Check

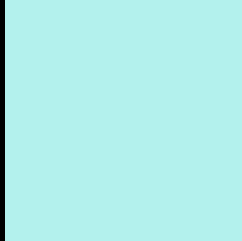
Large Text (above 18pt) WCAG AA × Fail

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 78.6087, 0.2771, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

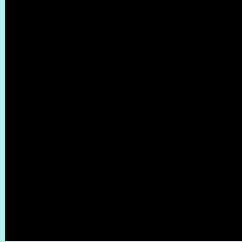
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.6087, 0.2771, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 78.6087, 0.2771, 0.3334.

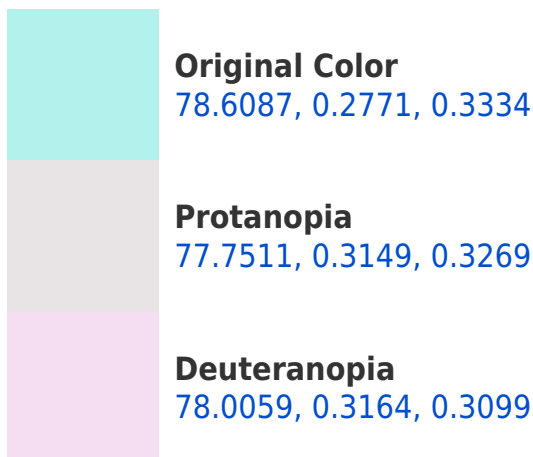


This preview shows how white text looks on a background with the Yxy color 78.6087, 0.2771, 0.3334.

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

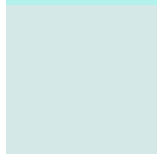
78.3532, 0.2717, 0.3093

Trichromacy



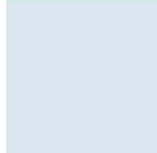
Original Color

78.6087, 0.2771, 0.3334



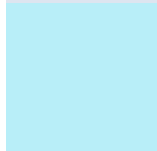
Protanomaly

77.6856, 0.3001, 0.3290



Deuteranomaly

77.7020, 0.3005, 0.3174



Tritanomaly

78.1167, 0.2738, 0.3179

Monochromacy



Original Color

78.6087, 0.2771, 0.3334



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.7065, 0.2985, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6087, 0.2771, 0.3334 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(179, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(179, 241, 237)  
}
```

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(179, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 241, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.6087, 0.2771, 0.3334 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(179, 241, 237) }
```

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

```
.border{ border-color:rgb(179, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(179, 241,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6087, 0.2771, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 241, 237) }
```

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

```
.background{ background-color: rgb(179,  
241, 237) }
```

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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