

Converting Colors

$Yxy(80.6596, 0.2764, 0.3305)$

Have a look what the booklet for
Yxy(80.6596, 0.2764, 0.3305)
contains.

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Color

Yxy(80.4571, 0.2763, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	B6F3F2
RGB	182, 243, 242
RGB Percent	71%, 95%, 95%
CMY	0.2864, 0.0470, 0.0510
CMYK	0.25, 0.00, 0.00, 0.05
HSL	179°, 72%, 83%
HSV	179°, 25%, 95%
XYZ	67.3645, 80.4571, 95.9878
YIQ	224.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

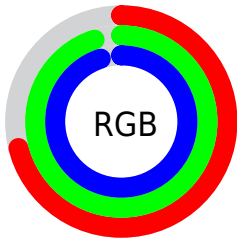
Format	Color
R _Y B	182, 213, 243
Decimal	11990002
CIE Lab	91.89, -19.25, -5.75
CIE LCh	92, 20.089, 196.644
Yxy	80.4571, 0.2763, 0.3300
Android (android.graphics.Color)	4290180082 (0xFFB6F3F2)
YUV	224.6470, 8.5550, -37.4014
Hunter-Lab	89.6979, -22.9150, -0.6591

Details

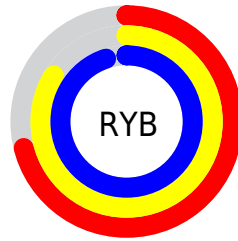
The Yxy color **80.4571, 0.2763, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.9196, 0.3651, 0.3281**, and the grayscale version is **74.9838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **43.5978, 0.2681, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **77.7304, 0.2638, 0.3305**, and if you desaturate by 10%, it is **83.7037, 0.2901, 0.3296**.

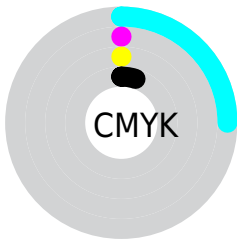
Distribution



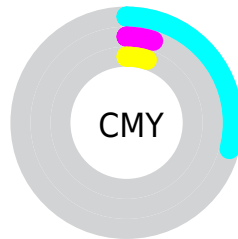
- Red (71%)
- Green (95%)
- Blue (95%)



- Red (71%)
- Yellow (84%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.4571, 0.2763, 0.3300 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 80.4571, 0.2763, 0.3300 by changing the saturation by 10% instead.

 80.4571, 0.2763,
0.3300

 80.4571, 0.2763,
0.3300


496.4720, 0.2927,
0.3298

 60.0946, 0.2727,
0.3300


 134.0082, 0.2819,
0.3300

 43.4949, 0.2682,
0.3300

167.9656, 0.2841,
0.3299

 30.2736, 0.2627,
0.3299


207.2233, 0.2860,
0.3299

 20.0463, 0.2556,
0.3298

252.1659, 0.2877,
0.3299

 12.4287, 0.2461,
0.3295

303.1776, 0.2892,
0.3298

 7.0364, 0.2330,
0.3288

360.6430, 0.2905,

 3.4849, 0.2136,

0.3298

0.3273

424.9463, 0.2916,
0.3298

1.3898, 0.1819,
0.3236

0.2092, 0.0000,
0.2493

80.4571, 0.2763,
0.3300

80.4571, 0.2763,
0.3300

77.7304, 0.2638,
0.3305

83.7037, 0.2901,
0.3296

75.4874, 0.2529,
0.3310

87.4850, 0.3049,
0.3292


73.7024, 0.2438,
0.3315


91.8274, 0.3203,
0.3288


72.3434, 0.2366,
0.3320


91.8749, 0.3202,
0.3284


 71.3744, 0.2314,
0.3325


 91.8992, 0.3199,
0.3281

 70.7535, 0.2281,
0.3330

 91.9235, 0.3197,
0.3277

 70.4289, 0.2265,
0.3336

 91.9478, 0.3194,
0.3273

 70.3402, 0.2261,
0.3338

 91.9722, 0.3192,
0.3269

 91.9967, 0.3190,
0.3265

Harmonies

Analogous

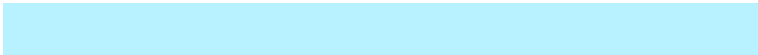
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4571, 0.2937, 0.3515



80.4571, 0.2763, 0.3300



80.4571, 0.2685, 0.3092

Triad

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



80.4571, 0.2763, 0.3300



80.4571, 0.3074, 0.2948



80.4571, 0.3548, 0.3624

Complementary

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



80.4571, 0.2763, 0.3300



55.9196, 0.3651, 0.3281

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.



80.4571, 0.3591, 0.3461



80.4571, 0.2763, 0.3300



80.4571, 0.3311, 0.3079

Square

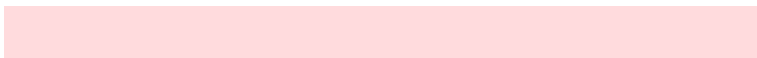
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.4571, 0.2763, 0.3300



80.4571, 0.2859, 0.2899



80.4571, 0.3503, 0.3263



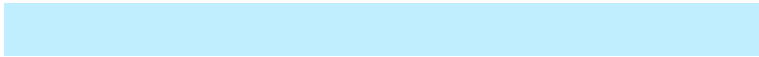
80.4571, 0.3391, 0.3703

Rectangle

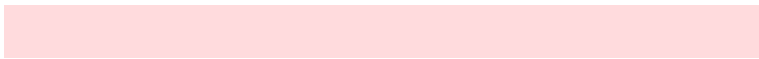
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.4571, 0.2763, 0.3300



80.4571, 0.2695, 0.2987



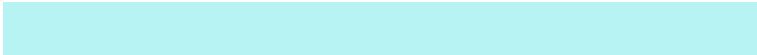
80.4571, 0.3503, 0.3263



80.4571, 0.3577, 0.3576

Sweetspot

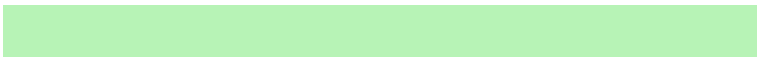
The Sweet Spot groups the original color and five complimentary colors.



80.4604, 0.2763, 0.3300



96.3126, 0.3005, 0.3293



77.5498, 0.3100, 0.4005



20.4760, 0.2982, 0.3294



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.



80.4604, 0.2763, 0.3300



88.1835, 0.2699, 0.3302



64.2587, 0.2728, 0.2951



18.7528, 0.2983, 0.3294



38.6037, 0.2260, 0.3337



3.3944, 0.2259, 0.3331

Inverse Universe

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



55.9196, 0.3651, 0.3281



56.5855, 0.3794, 0.3279



69.2576, 0.3583, 0.3606



16.4869, 0.3291, 0.3287



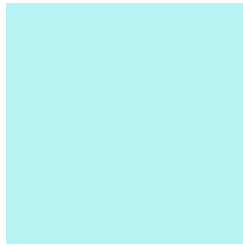
10.4646, 0.6384, 0.3290



0.9213, 0.6340, 0.3266

Previews

White Background



This preview shows how the Yxy color 80.4571, 0.2763, 0.3300 looks on a white background.

Color Contrast Check

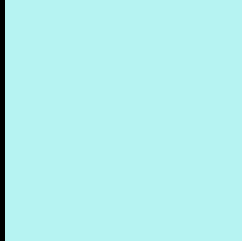
Large Text (above 18pt) WCAG AA × Fail

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 80.4571, 0.2763, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

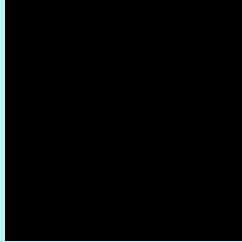
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.4571, 0.2763, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 80.4571, 0.2763, 0.3300.

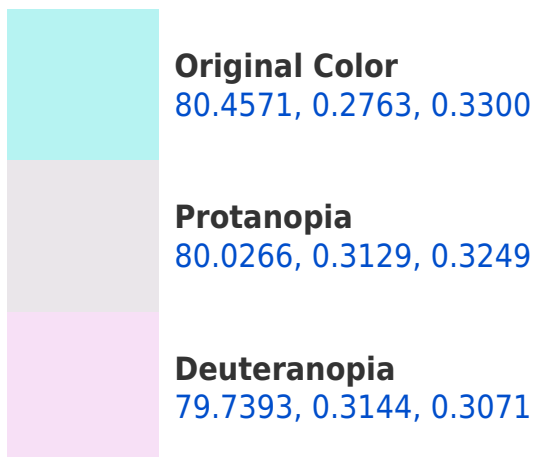


This preview shows how white text looks on a background with the Yxy color 80.4571, 0.2763, 0.3300.

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

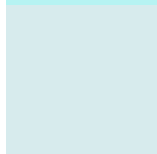
80.4223, 0.2759, 0.3118

Trichromacy



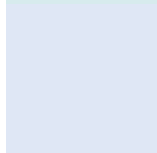
Original Color

80.4571, 0.2763, 0.3300



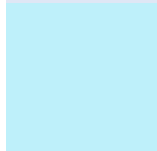
Protanomaly

79.9782, 0.2984, 0.3268



Deuteranomaly

79.4324, 0.2988, 0.3144



Tritanomaly

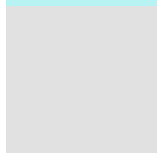
80.1695, 0.2763, 0.3180

Monochromacy



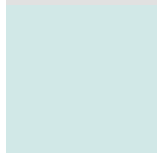
Original Color

80.4571, 0.2763, 0.3300



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.0381, 0.2981, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4571, 0.2763, 0.3300 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(182, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 243, 242)  
}
```

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(182, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 243, 242) }
```

Border

The CSS property to change the border of an element to Yxy 80.4571, 0.2763, 0.3300 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(182, 243, 242) }
```

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

```
.border{ border-color:rgb(182, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(182, 243,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4571, 0.2763, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 243, 242) }
```

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

```
.background{ background-color: rgb(182,  
243, 242) }
```

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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